

DOCUMENT RESUME

ED 281 731

SE 047 925

AUTHOR Daniel, Becky; Daniel, Charlie
TITLE The Division Book. Activity Book for Grades 3-6.
REPORT NO ISBN-0-916456-77-3
PUB DATE 80
NOTE 69p.
AVAILABLE FROM Good Apple, Inc., P.O. Box 299, Carthage, IL
62321-0299 (\$5.95; GA190).
PUB TYPE Guides - Classroom Use - Materials (For Learner)
(051)

EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS Computation; *Division; *Drills (Practice);
Elementary Education; *Elementary School Mathematics;
Instructional Materials; *Learning Activities;
*Mathematics Instruction; Motivation; *Workbooks
IDENTIFIERS *Basic Facts (Mathematics)

ABSTRACT

Presented are worksheets to introduce and provide practice on division facts with divisors of 2 through 10 for students in grades 3-6. Magic squares, searches, codes, and other puzzles are included in addition to more traditional activities. A test is included. (MNS)

* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *

THE DIVISION BOOK

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

X This document has been reproduced as
received from the person or organization
originating it.

☐ Minor changes have been made to improve
reproduction quality.

• Points of view or opinions stated in this docu-
ment do not necessarily represent official
OERI position or policy.

"PERMISSION TO REPRODUCE THIS
MATERIAL IN MICROFICHE ONLY
HAS BEEN GRANTED BY

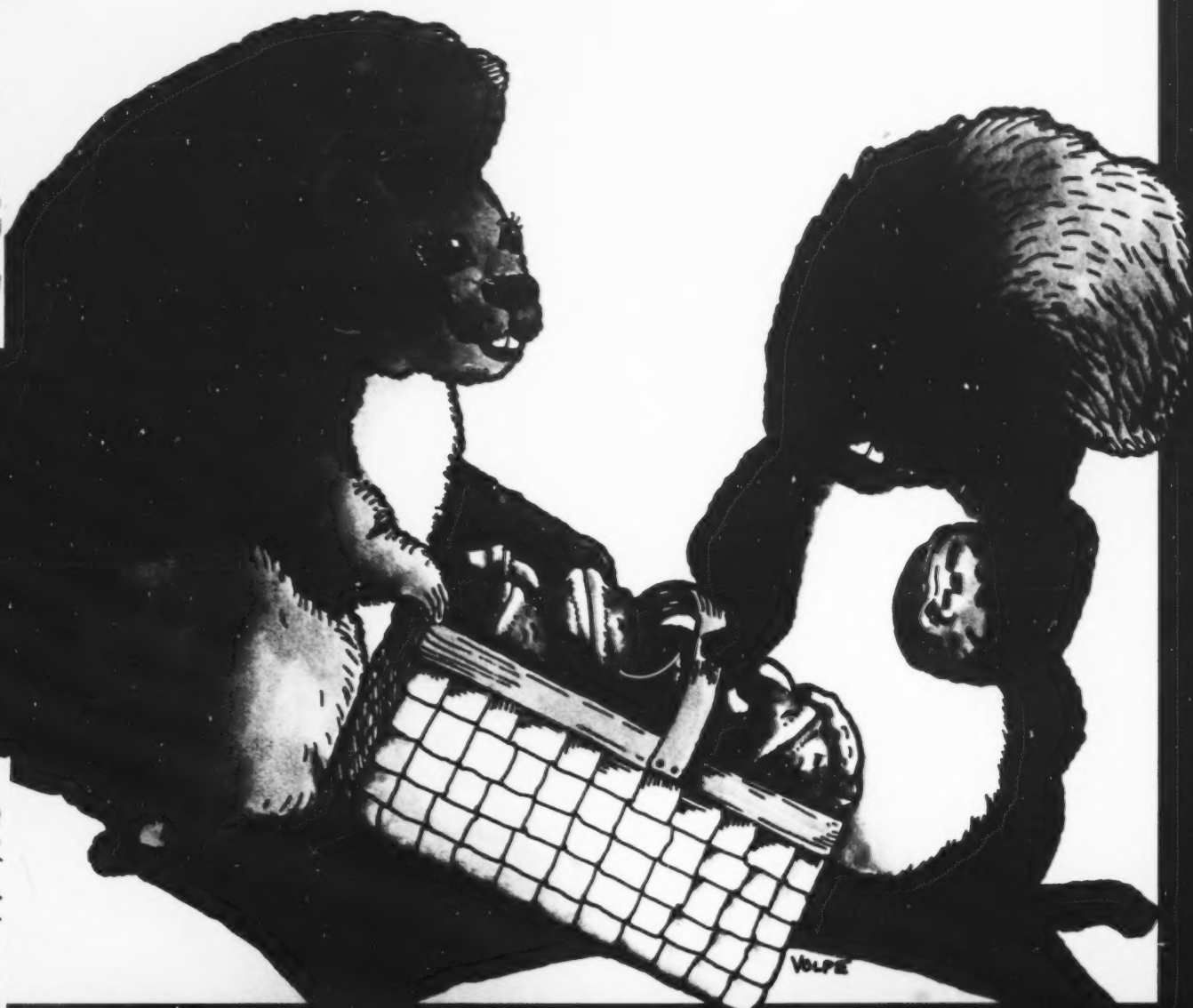
Jerry Allen

By Becky and Charlie Daniel

TO THE EDUCATIONAL RESOURCES
INFORMATION CENTER (ERIC)."

ED281731

SE 047925



THE DIVISION BOOK

by

Charlie and Becky Daniel

Copyright © Good Apple, Inc. 1980

ISBN No. 0-916456-77-3

Printing No. 3456789

The purchase of this book entitles the buyer to duplicate the student activity pages as needed, for use by students in the buyer's classroom. All ideas and illustrations may also be used by the buyer in the buyer's classroom. Permission for any other use must be granted by Good Apple, Inc.

**GOOD APPLE, INC.
BOX 299
CARTHAGE, IL 62321**

All Rights Reserved — Printed in the United States of America
by Capital City Press.

TABLE OF CONTENTS

Division Is The Opposite	1,2
Twos	3
Fancy Twos	4
Division Problem Search (0, 1 & 2's)	5
Threes	6
Terrific Threes	7
Line Puzzles (2's & 3's)	8
Fours	9
Heavy Fours	10
Writing Division Problems	11
Coloring Picture (2, 3, & 4's)	12
Hidden Circles (2, 3 & 4's)	13
Missing Signs (2, 3, & 4's)	14
Division Design (2, 3 & 4's)	15
Secret Code Division (2, 3 & 4's)	16
Division Problem Search (3's & 4's)	17
Magic Squares	18
Division Machine (2, 3 & 4's)	19
Fives	20
Fabulous Fives	21
Line Puzzles (4's & 5's)	22
Sixes	23
Great Sixes	24
Division Problem Search (5's & 6's)	25
Sevens	26
Goofy Sevens	27
Writing Division Problems	28,29
Bull's Eye Division	30
Coloring Picture (5, 6 & 7's)	31
Hidden Circles (5, 6 & 7's)	32
Missing Signs (5, 6 & 7's)	33
Division Design (5, 6 & 7's)	34
Secret Code Division (2, 3, 4, 5, 6, & 7's)	35
Magic Squares	36,37
Line Puzzles (6's & 7's)	38
Division Machine (6's & 7's)	39
Eights	40
Elegant Eights	41
Bull's Eye Division	42
Division Problem Search (7's & 8's)	43
Magic Squares	44
Nines	45
Nifty Nines	46
Bull's Eye Division	47
Magic Squares	48
Tens	49
Tantalizing Tens	50
Missing Signs (8, 9 & 10's)	51
Division Design (8, 9 & 10's)	52
Secret Code Division (8, 9 & 10's)	53
Matching	54,55
Division Problem Search (9's & 10's)	56
Magic Squares	57
Line Puzzles (8, 9 & 10's)	58
Division Machine (8's & 9's)	59
Division Test	60,61,62
Awards	63

DIVISION IS THE OPPOSITE

$$2 \times 3 = 6$$

$$3 \times 4 = 12$$

$$6 \div 3 = 2$$

$$12 \div 3 = \square$$

$$6 \div 2 = 3$$

$$12 \div 4 = \square$$

$$5 \times 2 = 10$$

$$5 \times 3 = 15$$

$$10 \div 2 = \square$$

$$15 \div 3 = \square$$

$$10 \div 5 = \square$$

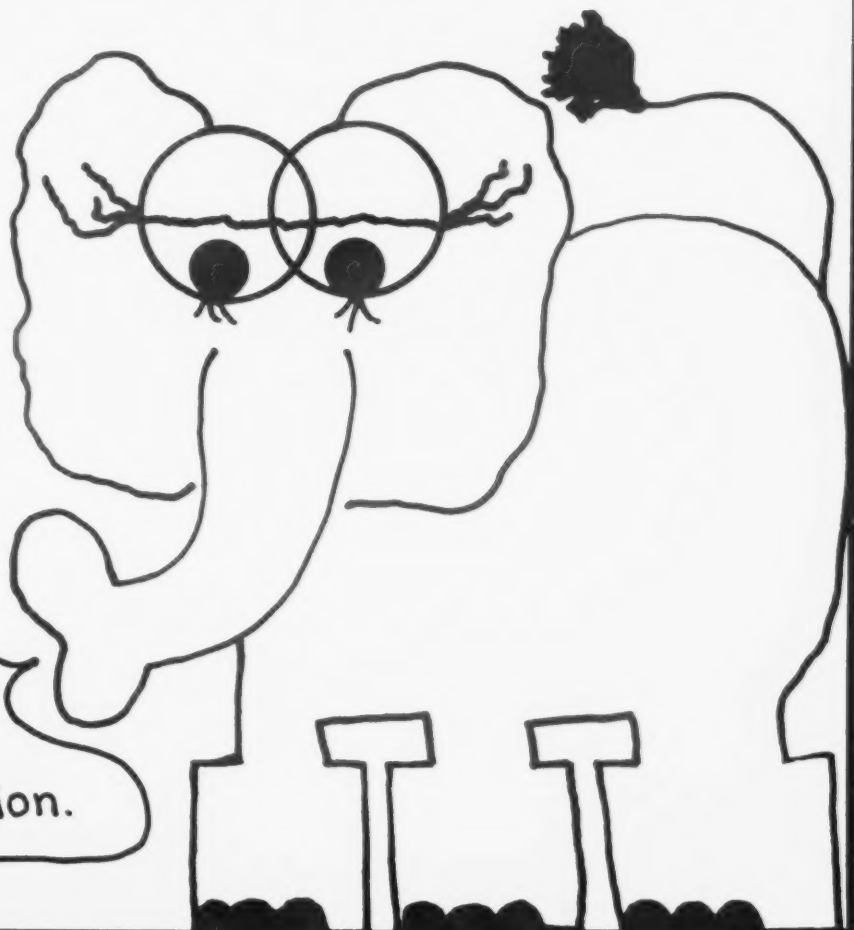
$$15 \div 5 = \square$$

$$4 \times 2 = 8$$

$$8 \div 2 = \square$$

$$8 \div 4 = \square$$

Remember!
Division is
the opposite
of multiplication.



MORE OPPOSITES

$7 \times 3 = 21$

$5 \times 8 = \square$

$21 \div 7 = \square$

$40 \div 8 = \square$

$21 \div 3 = \square$

$40 \div 5 = \square$

$6 \times 2 = \square$

$12 \div 6 = \square$

$12 \div 2 = \square$

$2 \times 7 = \square$

$14 \div 2 = \square$

$14 \div 7 = \square$

$9 \times 2 = \square$

$18 \div 9 = \square$

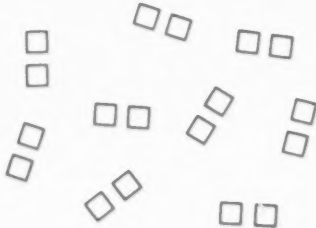
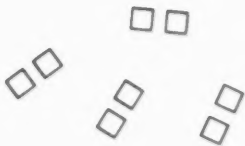
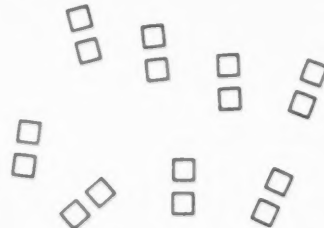
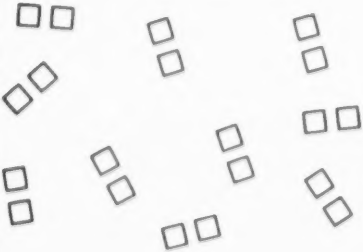
$18 \div 2 = \square$

Can you think up a multiplication problem and 2 division problems that are opposites? Write it on the back of this paper.



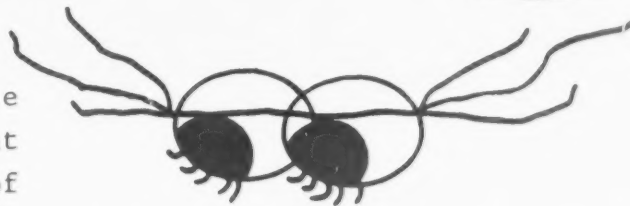
TWOS

DIRECTIONS: Count the total number of tiny squares. Write that number in the first box. Then circle each set of two squares. How many sets of 2 squares do you have? How many circles did you draw? Write that number in the second box. The first one is done for you.

 $\boxed{6} \div \boxed{3} = 2$	 $\square \div \square = 2$	 $\square \div \square = 2$
 $\square \div \square = 2$	 $\square \div \square = 2$	 $\square \div \square = 2$
 $\square \div \square = 2$	 $\square \div \square = 2$	 $\square \div \square = 2$

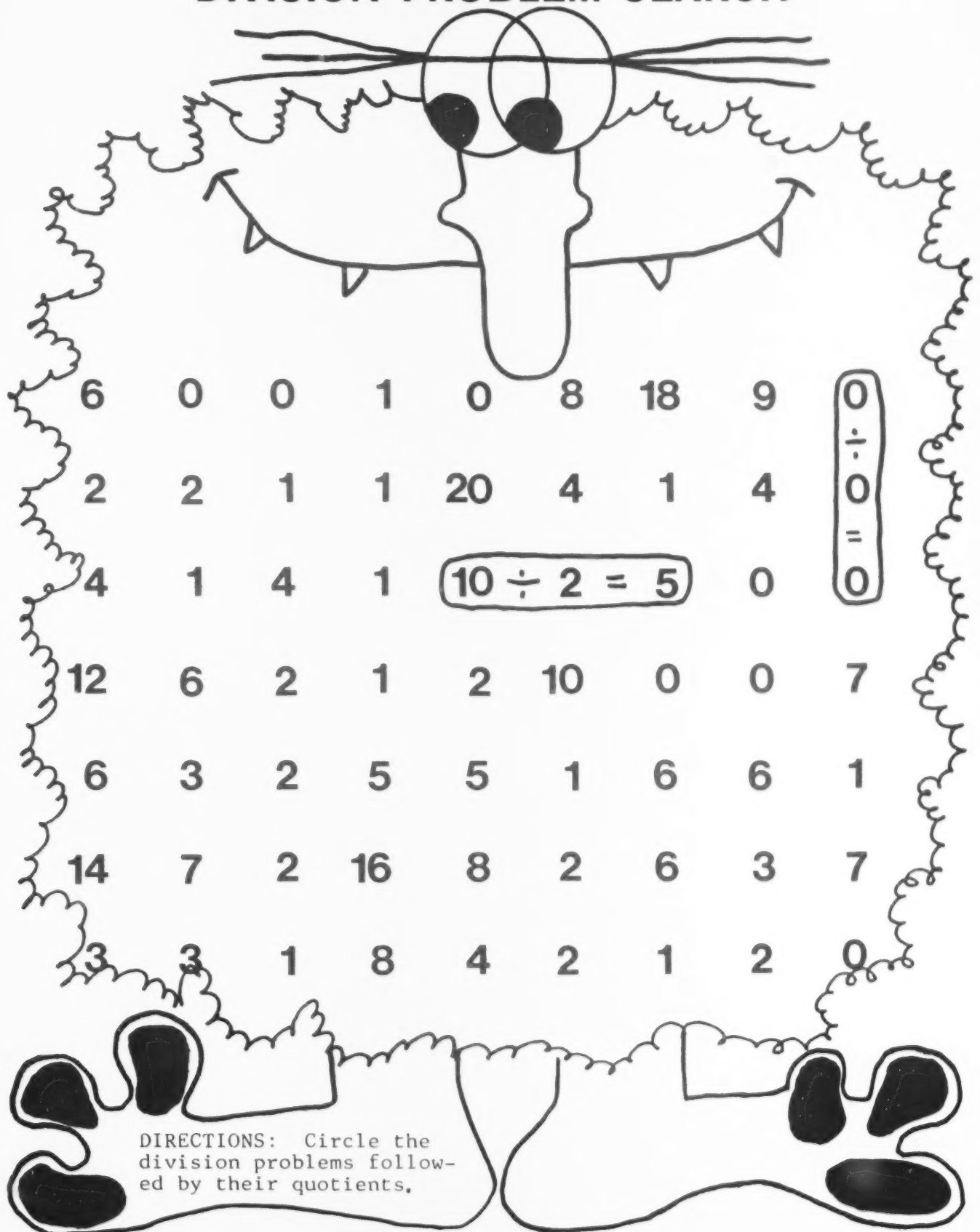
FANCY TWOS

DIRECTIONS: Circle the number pairs that have a quotient of two. The larger number must come first. For example: $4 \div 2 = 2$.



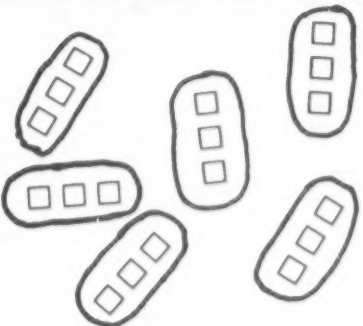
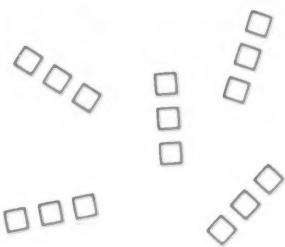
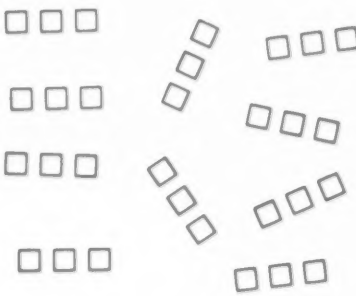
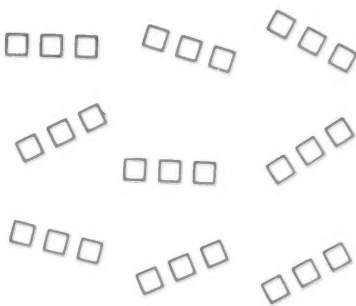
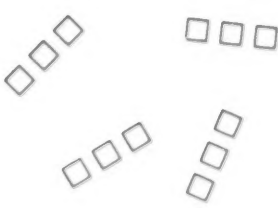
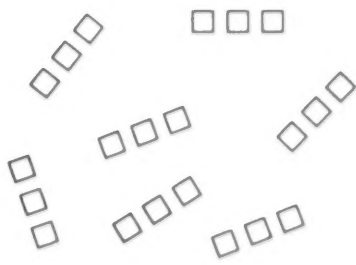
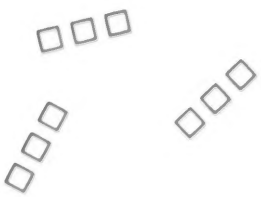
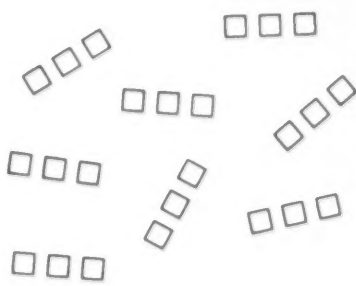
2	1	6 ÷ 3	8					
4	2	10	5	4				
12	14	7	9	0				
6	16	9	18	22				
20	8	5	6	11	4	2	6	3
10	3	24	18	9	10	5	8	6
9	7	12	4	2	5	1	4	3
8	4	2	1	6	3	0	3	3

DIVISION PROBLEM SEARCH



THREES

DIRECTIONS: Count the total number of tiny squares. Write that number in the first box. Then circle each set of three squares. How many sets of 3 squares do you have? How many circles did you draw? Write that number in the second box. The first one is done for you.

 $\boxed{18} \div \boxed{6} = 3$	 $\square \div \square = 3$	 $\square \div \square = 3$
 $\square \div \square = 3$	 $\square \div \square = 3$	 $\square \div \square = 3$
 $\square \div \square = 3$	 $\square \div \square = 3$	 $\square \div \square = 3$

TERRIFIC THREES

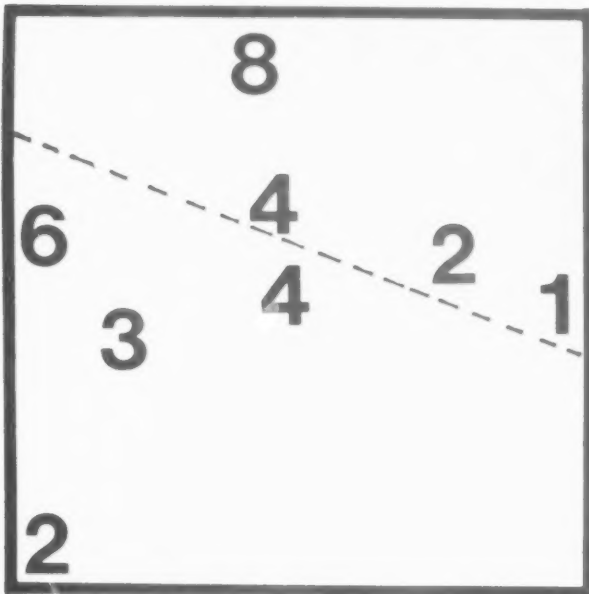
DIRECTIONS: Circle the number pairs with a quotient of 3. The larger number must come first.



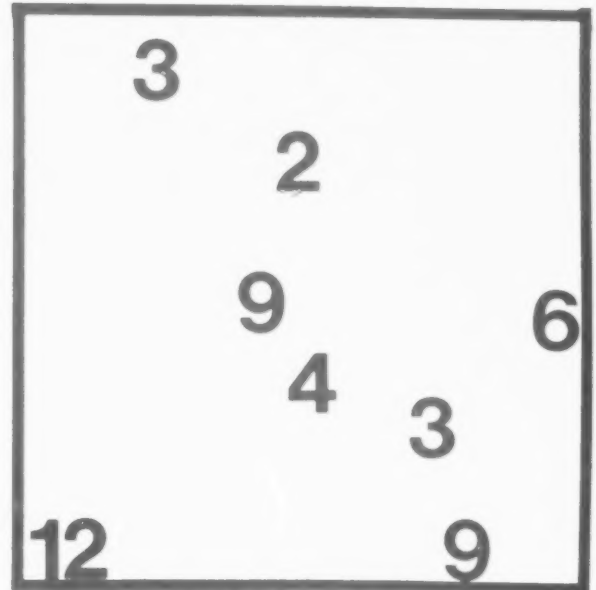
3	1	$6 \div 2$		
9	7	18	1	9
3	3	6	8	3
12	4	21	7	3
15	5	30	10	1
5	6	2	4	15
24	8	33	11	5
6	3	1	3	12
27	9	36	12	4
9	3	6	2	9
7	30	10	0	3

LINE PUZZLES

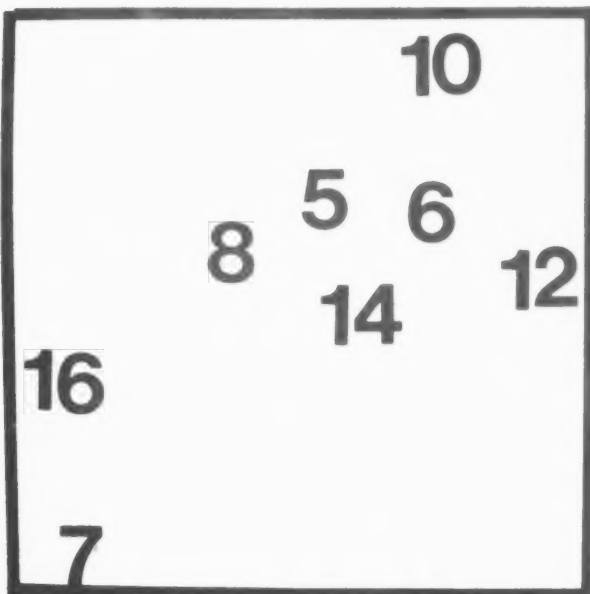
Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of two (2).



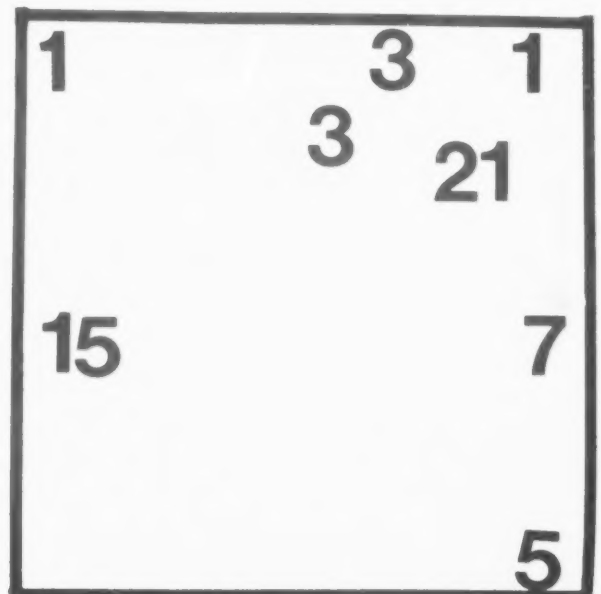
Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of three (3).



Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of two (2).

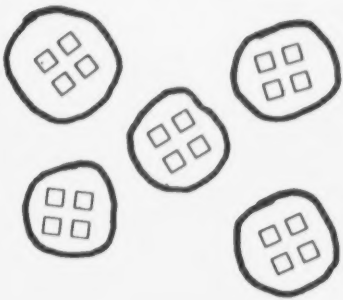
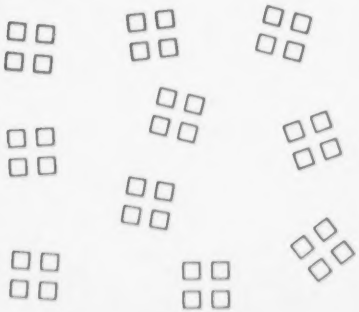
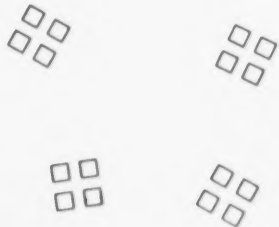
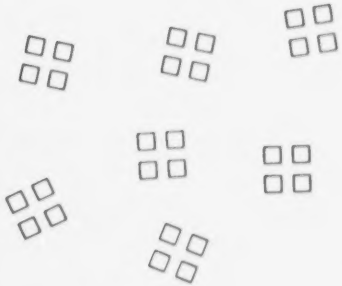
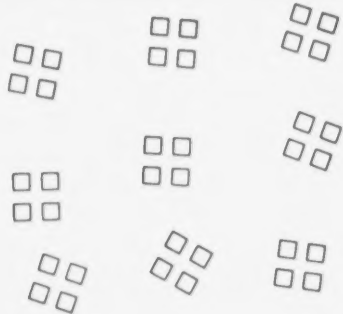
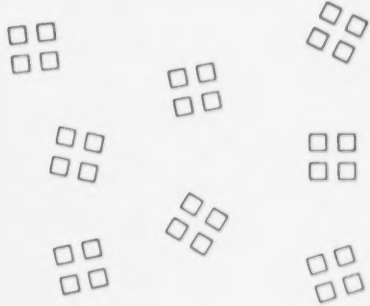
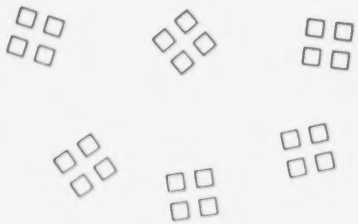


Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of three (3).



FOURS

DIRECTIONS: Count the total number of tiny squares. Write that number in the first box. Then circle each set of four squares. How many sets of 4 squares do you have? How many circles did you draw? Write that number in the second box. The first one is done for you.

 $\boxed{20} \div \boxed{5} = 4$	 $\boxed{} \div \boxed{} = 4$	 $\boxed{} \div \boxed{} = 4$
 $\boxed{} \div \boxed{} = 4$	 $\boxed{} \div \boxed{} = 4$	 $\boxed{} \div \boxed{} = 4$
 $\boxed{} \div \boxed{} = 4$	 $\boxed{} \div \boxed{} = 4$	 $\boxed{} \div \boxed{} = 4$

HEAVY FOURS

8 2 20 5 4 1

4 44 11 20 5 0

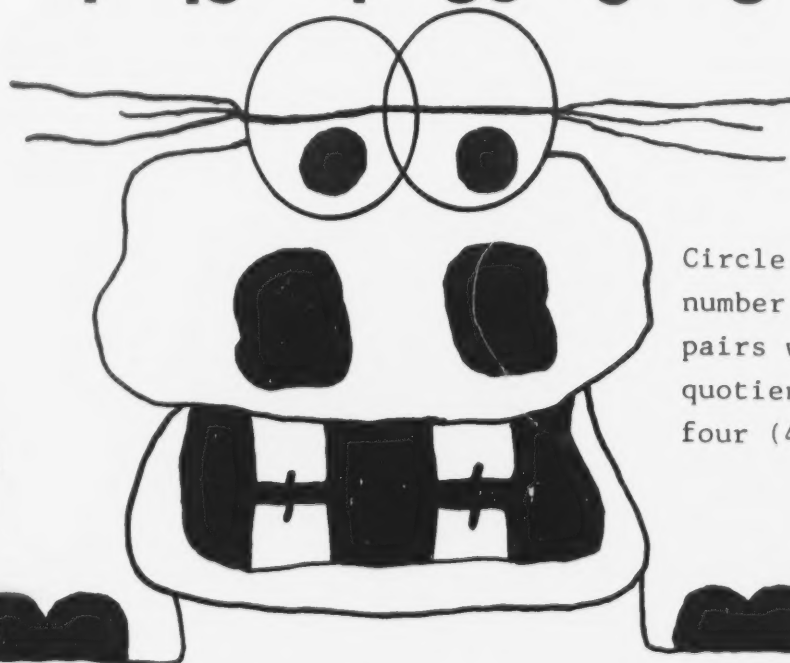
8 1 32 8 4 1 8 44

4 12 3 36 ÷ 9 8 2 11

20 16 24 6 40 44 11 4

5 4 48 12 10 28 7 1

3 1 16 4 36 9 8 2



Circle the
number of
pairs with a
quotient of
four (4).

WRITING DIVISION PROBLEMS

DIRECTIONS: Write 2 division problems for each multiplication problem.

Example:

$$3 \times 2 = 6$$

$$6 \div 2 = 3$$

$$6 \div 3 = 2$$

$$4 \times 2 = 8$$

----------------------	----------------------	----------------------

----------------------	----------------------	----------------------

$$7 \times 2 = 14$$

----------------------	----------------------	----------------------

----------------------	----------------------	----------------------

$$3 \times 1 = 3$$

----------------------	----------------------	----------------------

----------------------	----------------------	----------------------

$$3 \times 6 = 18$$

----------------------	----------------------	----------------------

----------------------	----------------------	----------------------

$$2 \times 6 = 12$$

----------------------	----------------------	----------------------

----------------------	----------------------	----------------------

$$5 \times 4 = 20$$

----------------------	----------------------	----------------------

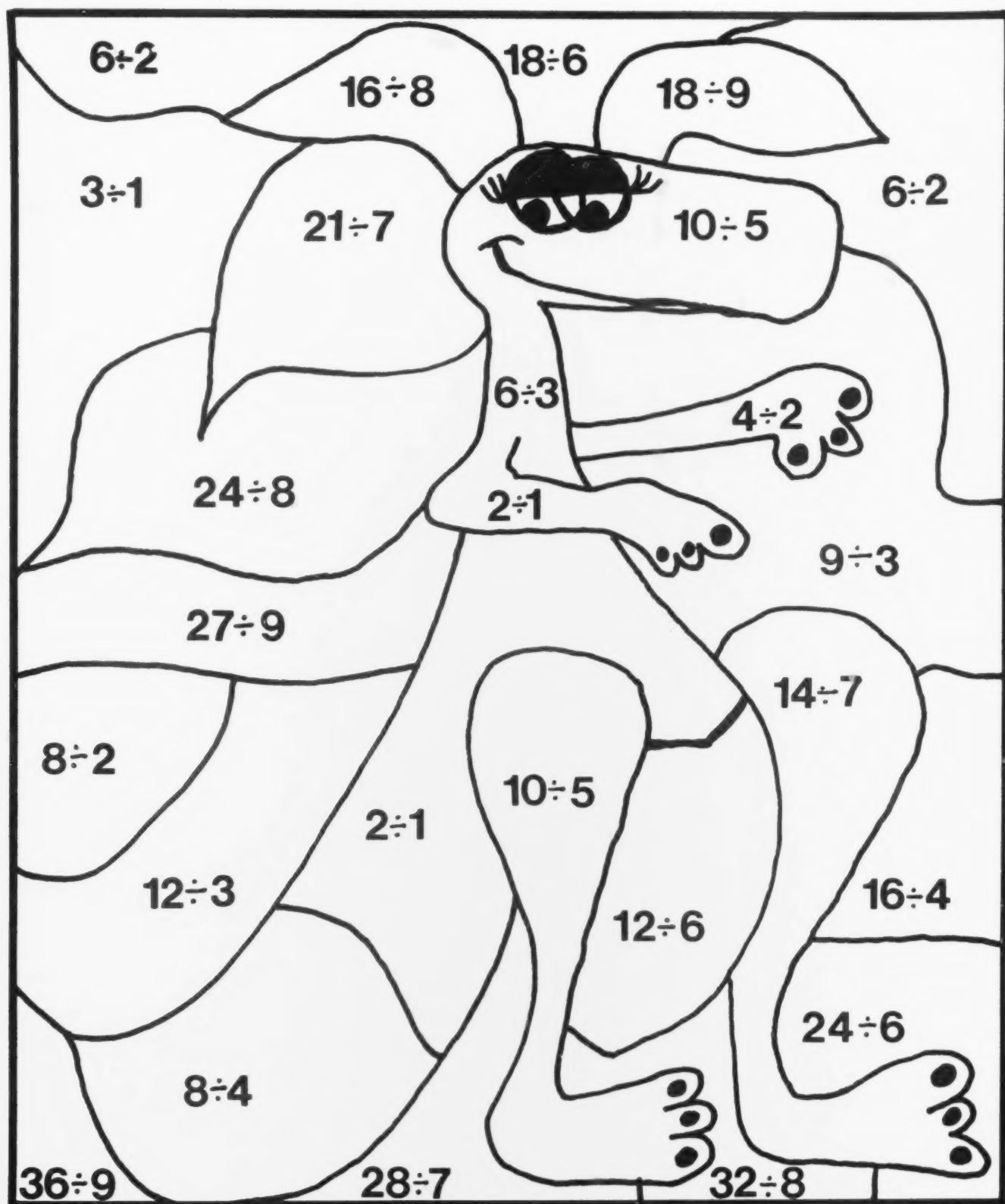
----------------------	----------------------	----------------------

$$9 \times 2 = 18$$

----------------------	----------------------	----------------------

----------------------	----------------------	----------------------





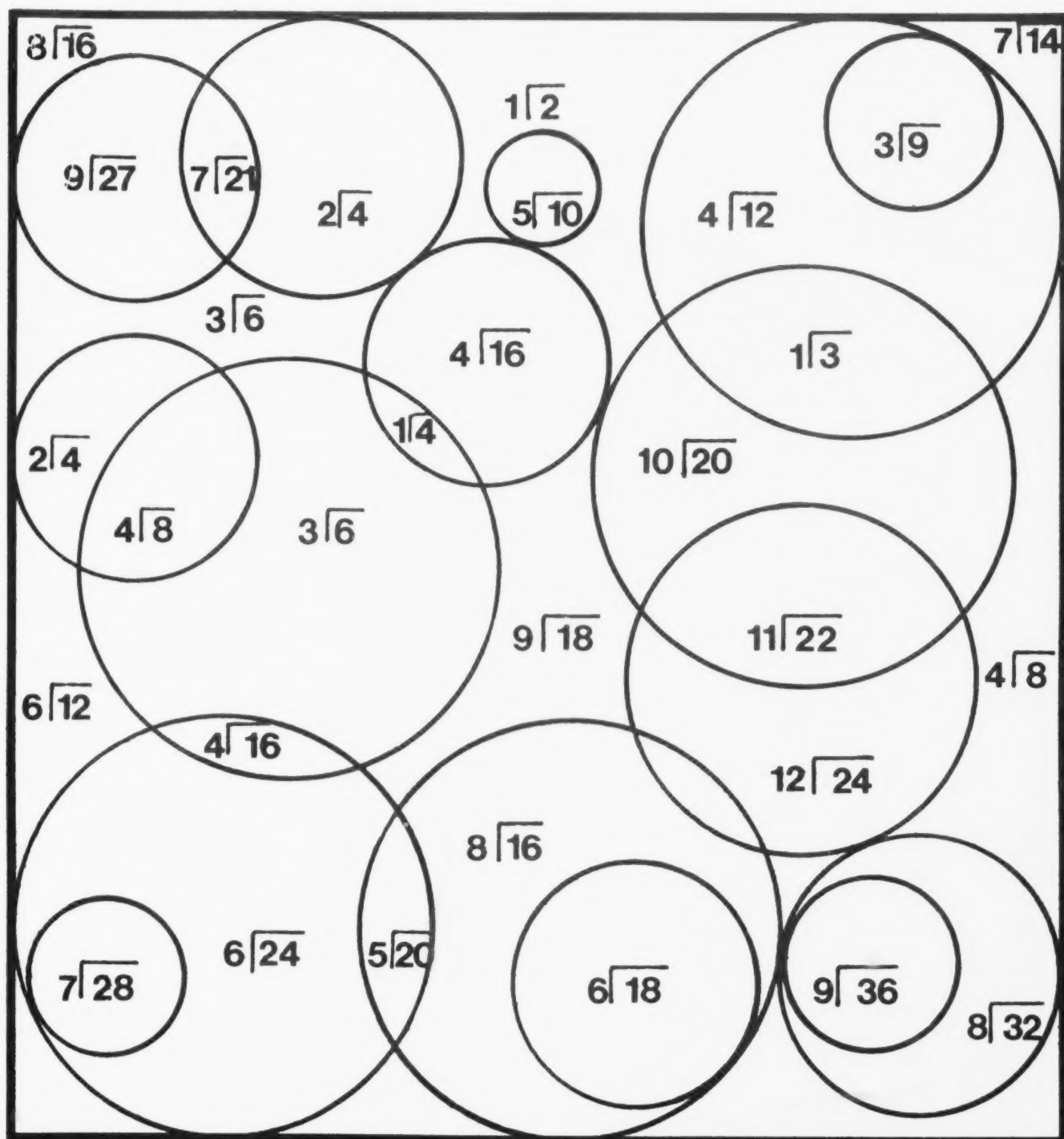
Color problems with a quotient of two (2) PINK.
 Color problems with a quotient of three (3) BLUE.
 Color problems with a quotient of four (4) GREEN.

HIDDEN CIRCLES

Color quotients of two(2) RED.

Color quotients of three (3) PURPLE.

Color quotients of four (4) PINK.



MISSING SIGNS

DIRECTIONS: Use an arithmetic sign to make each problem correct.

$15 \square 5 = 3$

$8 \square 1 = 8$

$8 \square 2 = 6$

$8 \square 1 = 9$

$3 \square 3 = 9$

$4 \square 4 = 16$

$40 \square 10 = 4$

$36 \square 4 = 9$

$2 \square 7 = 14$

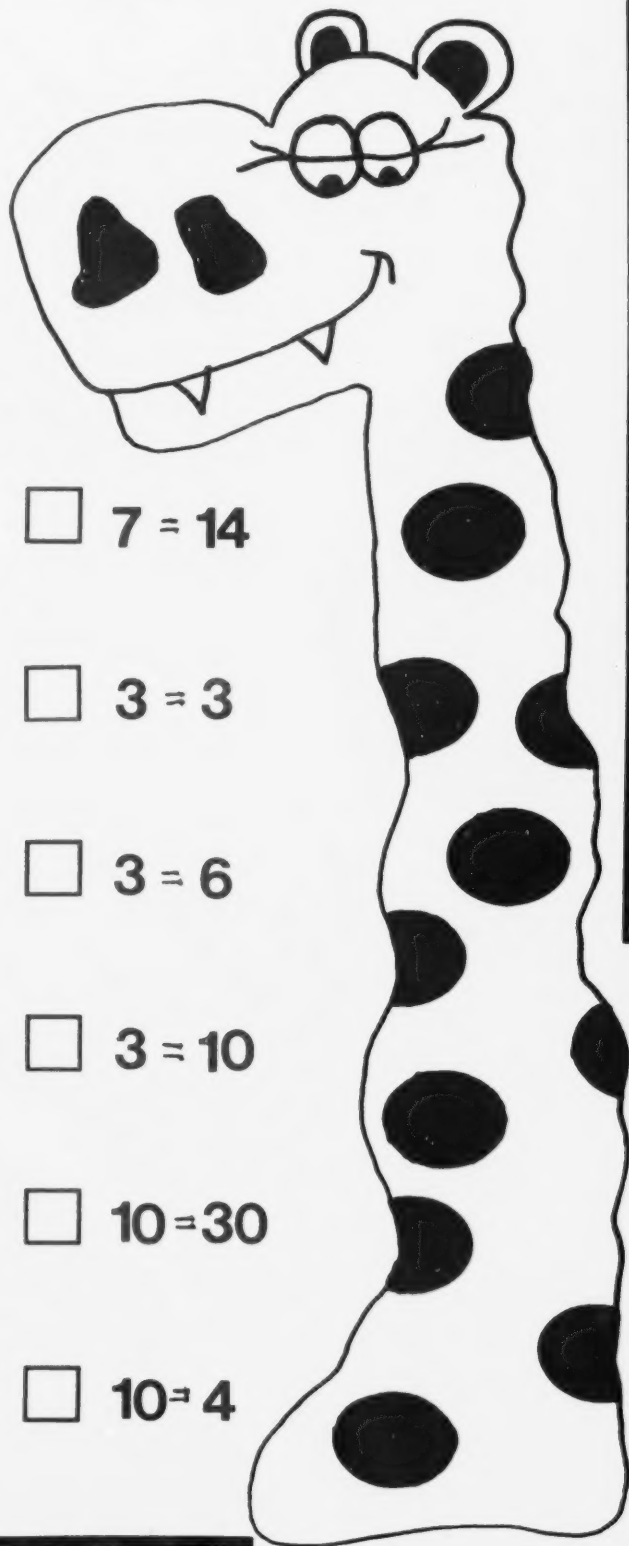
$9 \square 3 = 3$

$3 \square 3 = 6$

$30 \square 3 = 10$

$40 \square 10 = 30$

$40 \square 10 = 4$



DIVISION DESIGN

Write the quotient in each area. Color the areas with an even quotient YELLOW. Color the areas with an odd quotient PURPLE.

$8 \div 2 =$	$9 \div 3 =$	$3 \div 3 =$	$40 \div 4 =$
$4 \div 2 =$	$30 \div 3 =$	$24 \div 4 =$	$32 \div 4 =$
$36 \div 4 =$	$15 \div 3 =$	$21 \div 3 =$	$20 \div 4 =$
$28 \div 4 =$	$6 \div 2 =$	$18 \div 2 =$	$4 \div 4 =$
$16 \div 4 =$	$24 \div 3 =$	$16 \div 2 =$	$18 \div 3 =$
$8 \div 4 =$	$14 \div 2 =$	$10 \div 2 =$	$6 \div 3 =$

SECRET CODE DIVISION

A=6 B=8 C=12 D=16 E=20 F=24
X=2 Y=3 Z=4

Use the secret code above to solve the division problems below.

Write a secret code problem for each quotient listed below.

$$\mathbf{A \div X =}$$

$$\square \div \square = 5$$

$$\mathbf{A \div Y =}$$

$$\square \div \square = 4$$

$$\mathbf{B \div X =}$$

$$\square \div \square = 6$$

$$\mathbf{B \div Z =}$$

$$\square \div \square = 8$$

$$\mathbf{C \div X =}$$

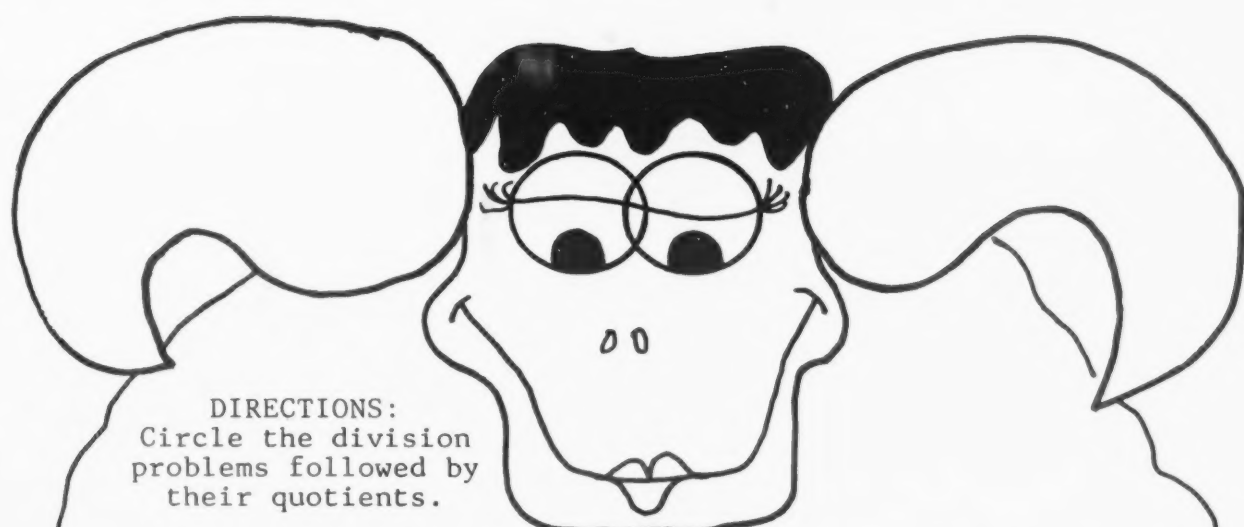
$$\square \div \square = 8$$

$$\mathbf{C \div Y =}$$

$$\square \div \square = 10$$

$$\mathbf{C \div Z =}$$

$$\square \div \square = 12$$



DIRECTIONS:
Circle the division
problems followed by
their quotients.

3	1	3	15	4	9	$27 \div 9 = 3$		
36	4	$9 \div 3 = 3$	5	1	7	40	4	48
6	2		3	4	8	10	1	12
30	18		6	20	5	4	4	4
10	8	2	4	16	4	4	1	7
3	24	6	4	12	3	4	4	8
5	3	28	7	4	9	21	7	3
24	8	3	32	8	4	44	11	4



MAGIC SQUARES

4	4	1
2	2	1
2	2	1

DIRECTIONS:

The first number divided by the second number equals the third number in each row, moving across and down.

6	3	
		2
3		

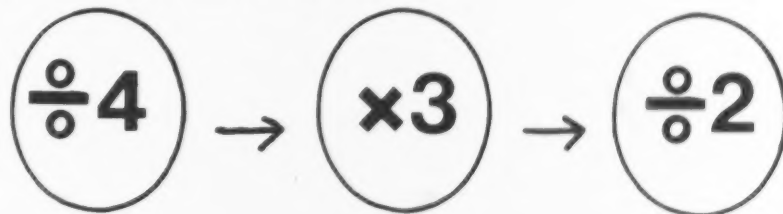
18	6	
9		
		1

15	3	
3		
		5

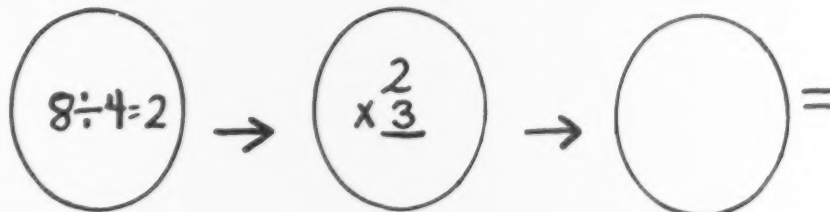
20	5	
2		
		2

DIVISION MACHINE

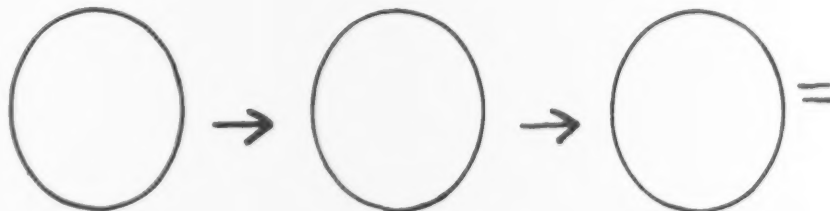
Put each number on the left into the division machine and write the problem and answer in each oval.



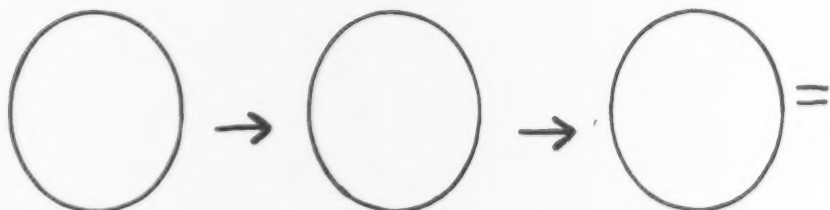
8



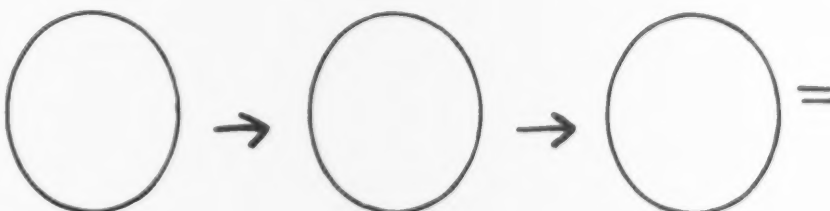
16



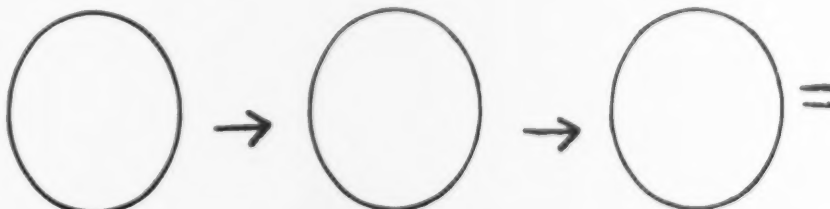
24



32

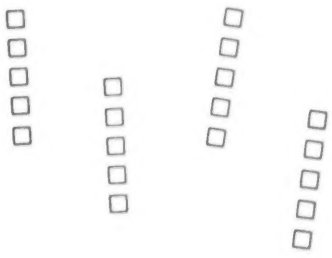
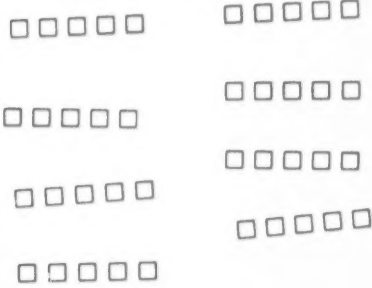
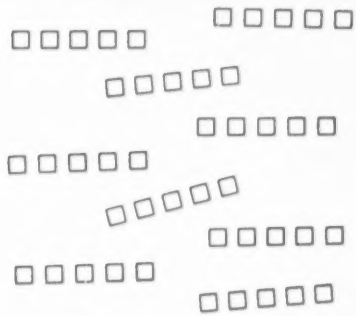
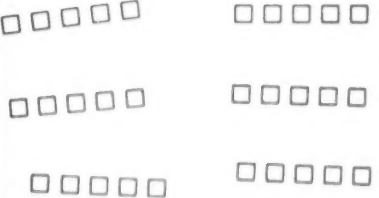
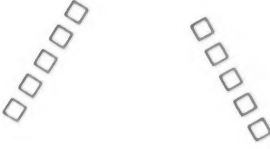
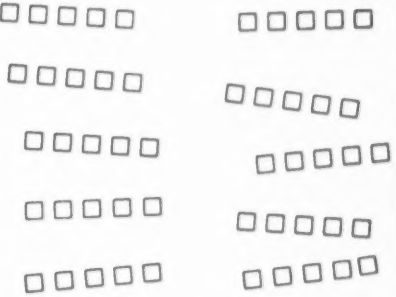
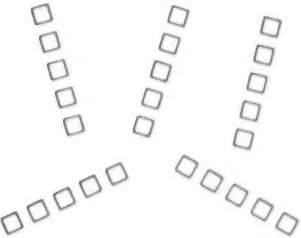
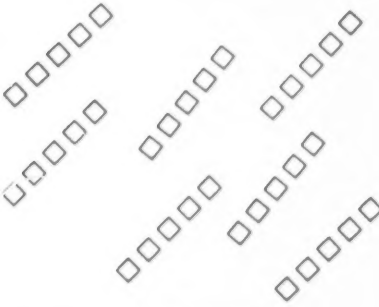
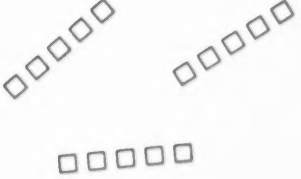


40

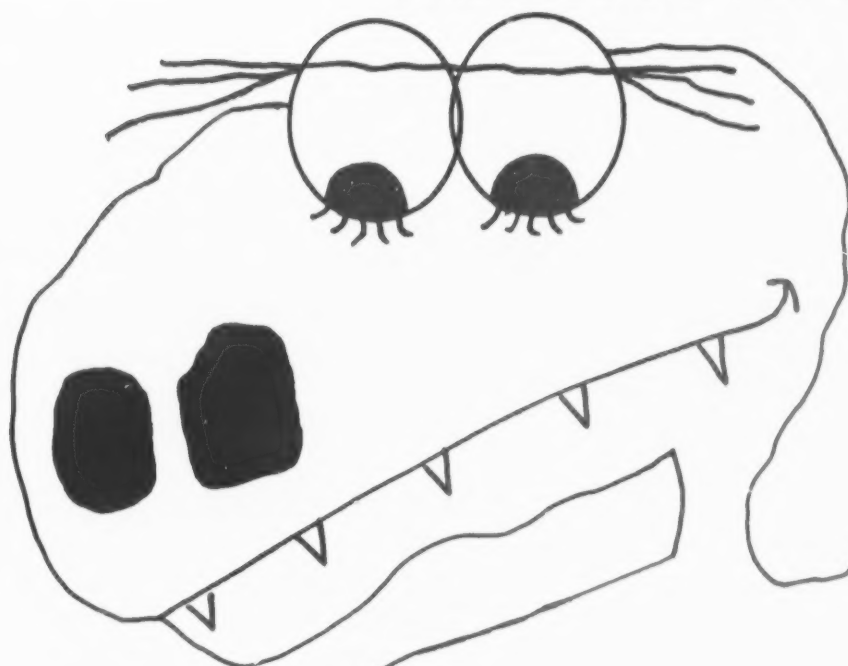


FIVES

DIRECTIONS: Count the total number of tiny squares. Write that number in the first box. Then circle each set of five squares. How many sets of 5 squares do you have? How many circles did you draw? Write that number in the second box. The first one is done for you.

 $\boxed{20} \div \boxed{4} = 5$	 $\boxed{} \div \boxed{} = 5$	 $\boxed{} \div \boxed{} = 5$
 $\boxed{} \div \boxed{} = 5$	 $\boxed{} \div \boxed{} = 5$	 $\boxed{} \div \boxed{} = 5$
 $\boxed{} \div \boxed{} = 5$	 $\boxed{} \div \boxed{} = 5$	 $\boxed{} \div \boxed{} = 5$

FABULOUS FIVES



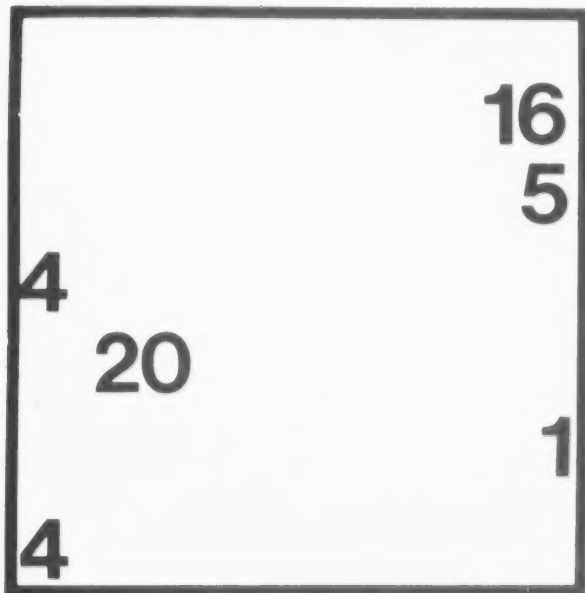
DIRECTIONS:

Circle the number pairs with a quotient of five (5).

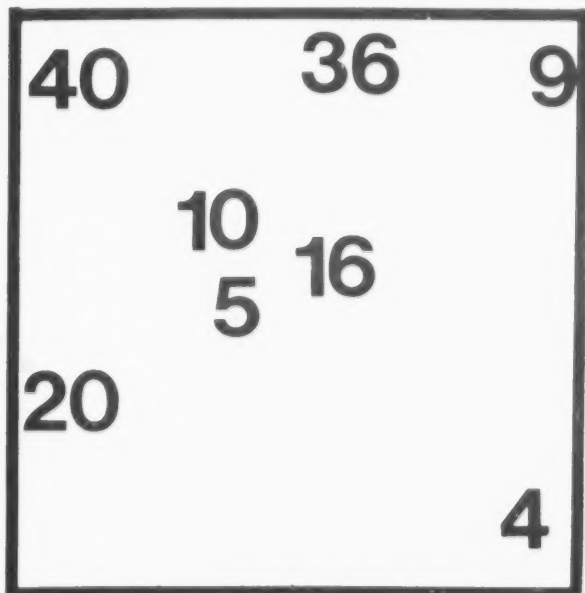
		60	12	10	2	30	6	
45	5	1	25	40	$35 \div 7$		55	
9	15	$10 \div 2$	5	8	40	8	11	
35	3		30	6	50	10	35	
7	20	4	45	9	30	2	7	
55	60	12	5	20	6	40	10	
11	15	3	1	4	7	8	2	

LINE PUZZLES

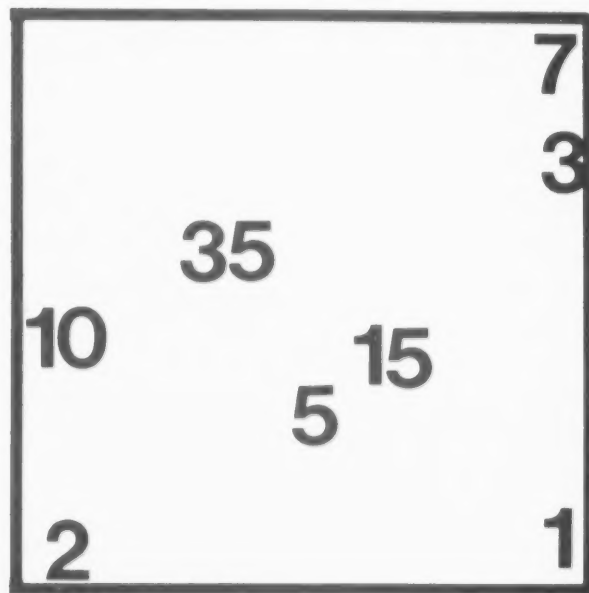
Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of four (4).



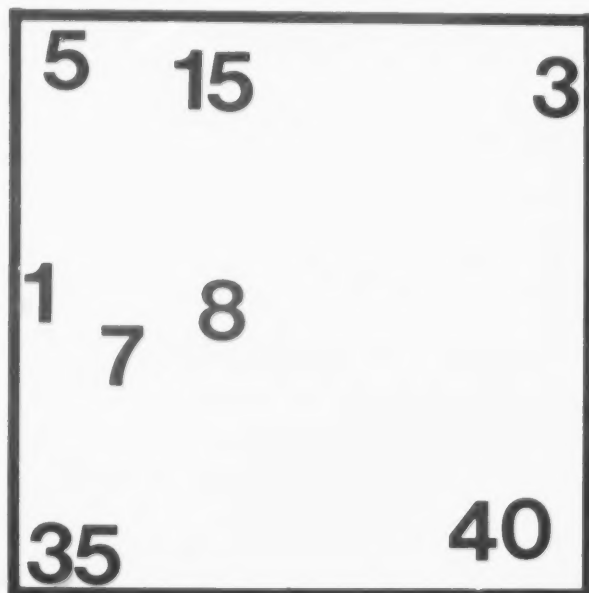
Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of four (4).



Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of five (5).

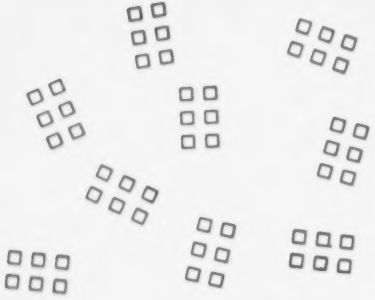
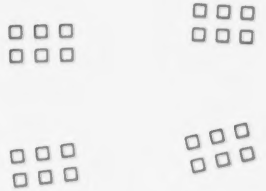
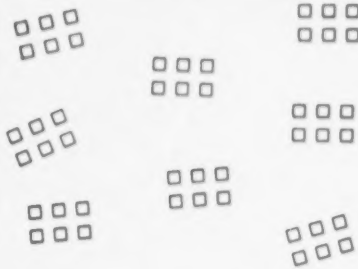
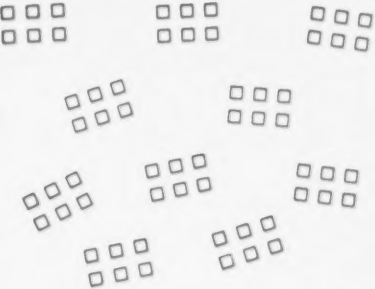
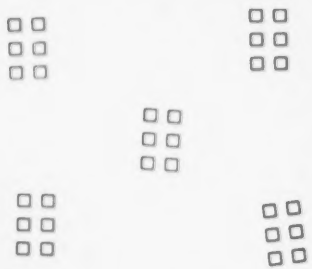
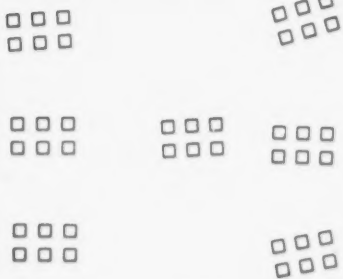
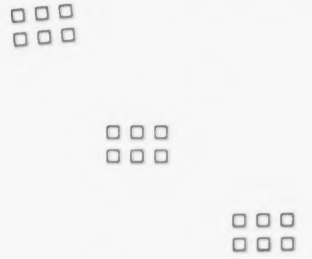


Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of five (5).

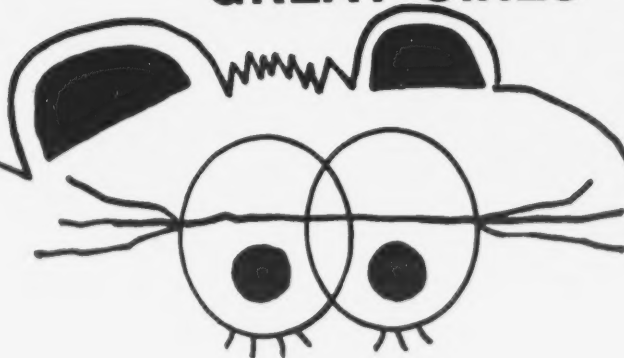


SIXES

DIRECTIONS: Count the total number of tiny squares. Write that number in the first box. Then circle each set of six squares. How many sets of 6 squares do you have? How many circles did you draw? Write that number in the second box. The first one is done for you.

 $\boxed{54} \div \boxed{9} = 6$	 $\square \div \square = 6$	 $\square \div \square = 6$
 $\square \div \square = 6$	 $\square \div \square = 6$	 $\square \div \square = 6$
 $\square \div \square = 6$	 $\square \div \square = 6$	 $\square \div \square = 6$

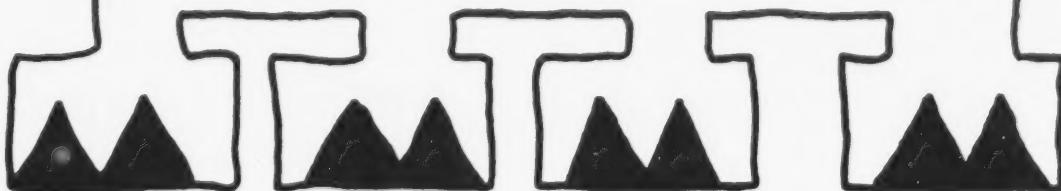
GREAT SIXES



DIRECTIONS:

Circle the number pairs that have a quotient of six (6).

6	1	$\frac{12}{2}$	30	60		
18	54	2	5	10		
3	9	6	48	8	66	
24	4	42	$\frac{6}{1}$	11		
36	6	7	66	30	6	30
60	10	72	11	5	1	5
66	12	12	2	42	9	36
11	2	6	1	7	3	6



DIVISION PROBLEM SEARCH

DIRECTIONS:

Circle the
division problems
followed by their
quotients.

6 1 6 5 48 5 5

60 5 $12 \div 2 = 6$ 5 1

24 4 6 42 8 30 5 6

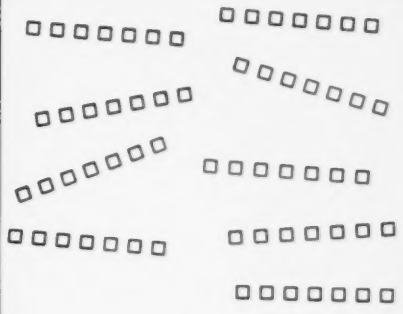
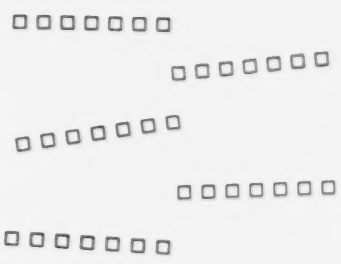
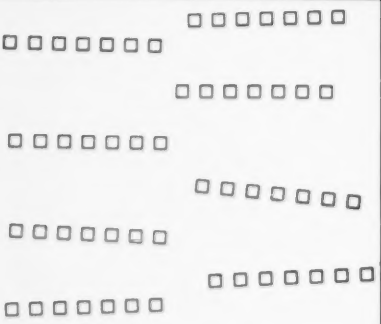
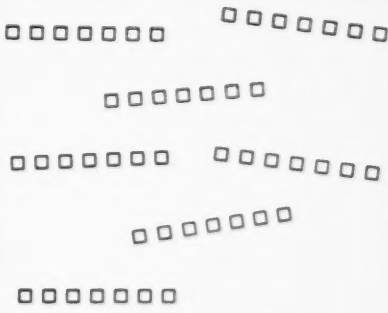
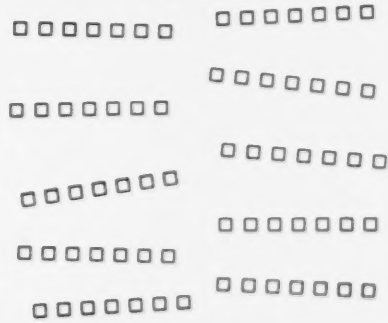
50 18 36 7 60 10 6 25

10 $\div$ 3 6 6 35 5 7 5

5 $=$ 6 6 54 9 6 5 5

SEVENS

DIRECTIONS: Ring sets of 7 squares. How many sets of 7 are there?
Write that number in the box. What does the quotient 7 represent?

 $63 \div \square = 7$	 $14 \div \square = 7$	 $42 \div \square = 7$
 $21 \div \square = 7$	 $35 \div \square = 7$	 $56 \div \square = 7$
 $49 \div \square = 7$	 $70 \div \square = 7$	 $28 \div \square = 7$

GOOFY SEVENS



DIRECTIONS:

Circle number
pairs that have
a quotient of
seven (7).

			7	1	35	14
		7	$63 \div 9$	7	2	
28	21	3	70	10	42	6
4	49	7	$77 \div 11$	63	9	28
42	6	1	84	77	4	
56	84	12	49	12	11	35
8	21	3	7	56	8	5
	7	1	14	2	49	7



WRITING DIVISION PROBLEMS

DIRECTIONS: Write 2 division problems for each multiplication problem.

EXAMPLE:

$$5 \times 3 = 15$$

$$15 \div 5 = 3$$

$$15 \div 3 = 5$$

$$8 \times 2 = 16$$

--	--	--

--	--	--

$$5 \times 9 = 45$$

--	--	--

--	--	--

$$6 \times 7 = 42$$

--	--	--

--	--	--

$$5 \times 8 = 40$$

--	--	--

--	--	--

$$4 \times 7 = 28$$

--	--	--

--	--	--

$$8 \times 4 = 32$$

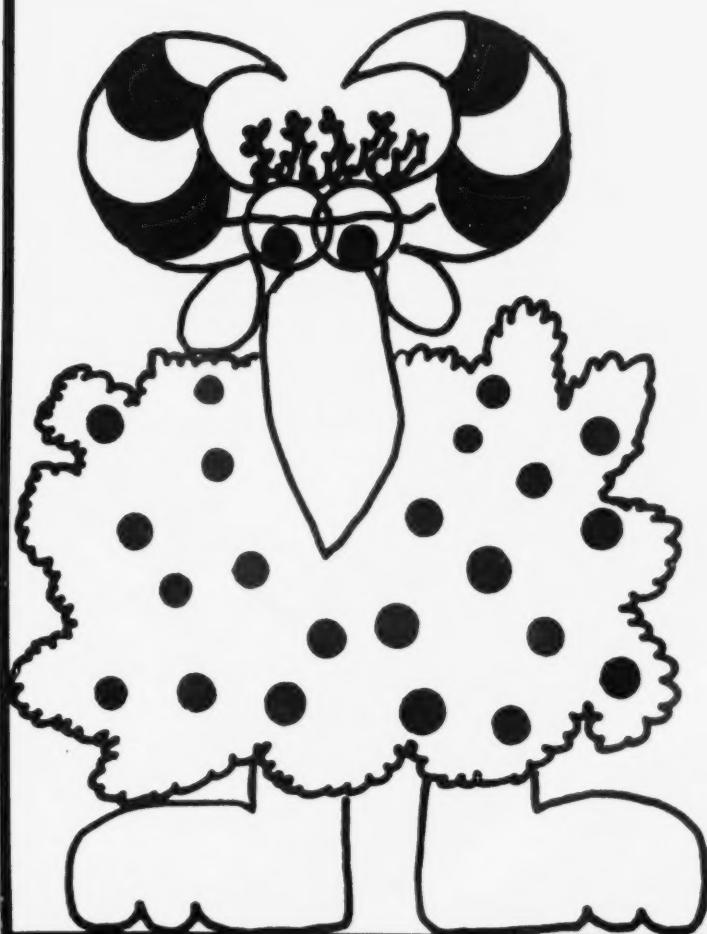
--	--	--

--	--	--

$$6 \times 5 = 30$$

--	--	--

--	--	--



WRITING DIVISION PROBLEMS

DIRECTIONS: Write 2 division problems for each multiplication problem.

$10 \times 8 = 80$

$9 \times 7 = 63$

$10 \times 4 = 40$

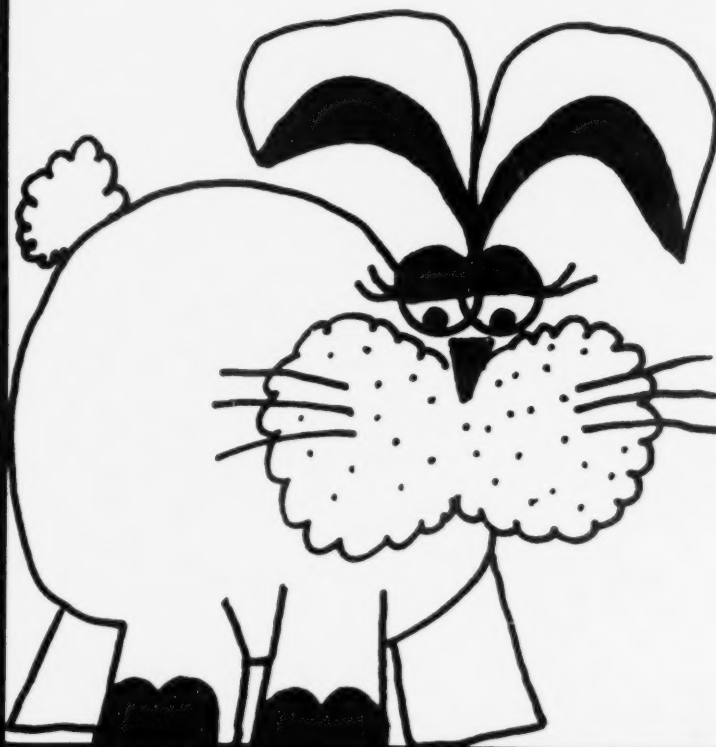
$7 \times 11 = 77$

$9 \times 8 = 72$

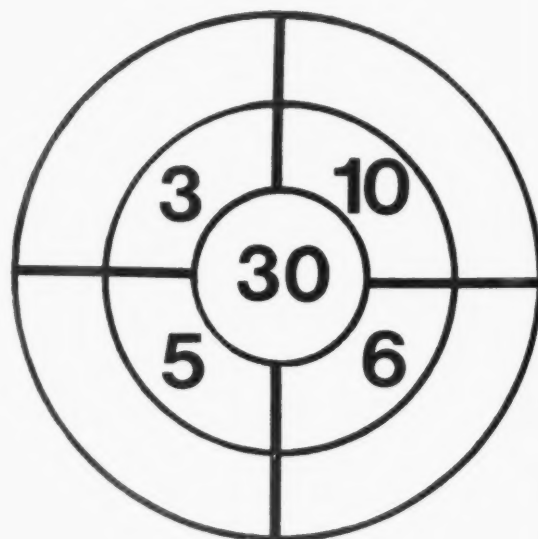
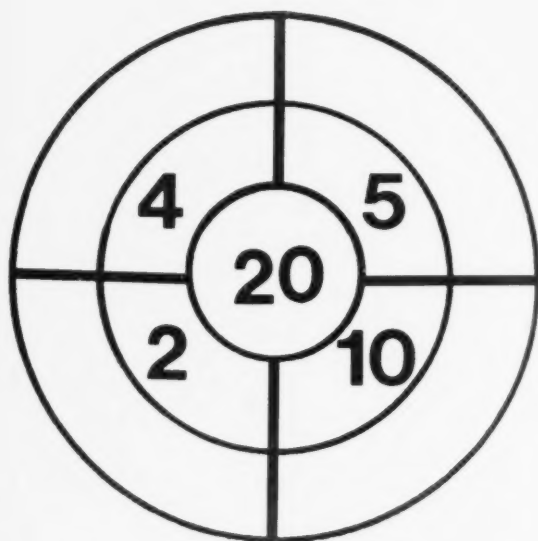
$10 \times 5 = 50$

$11 \times 9 = 99$

$12 \times 10 = 120$

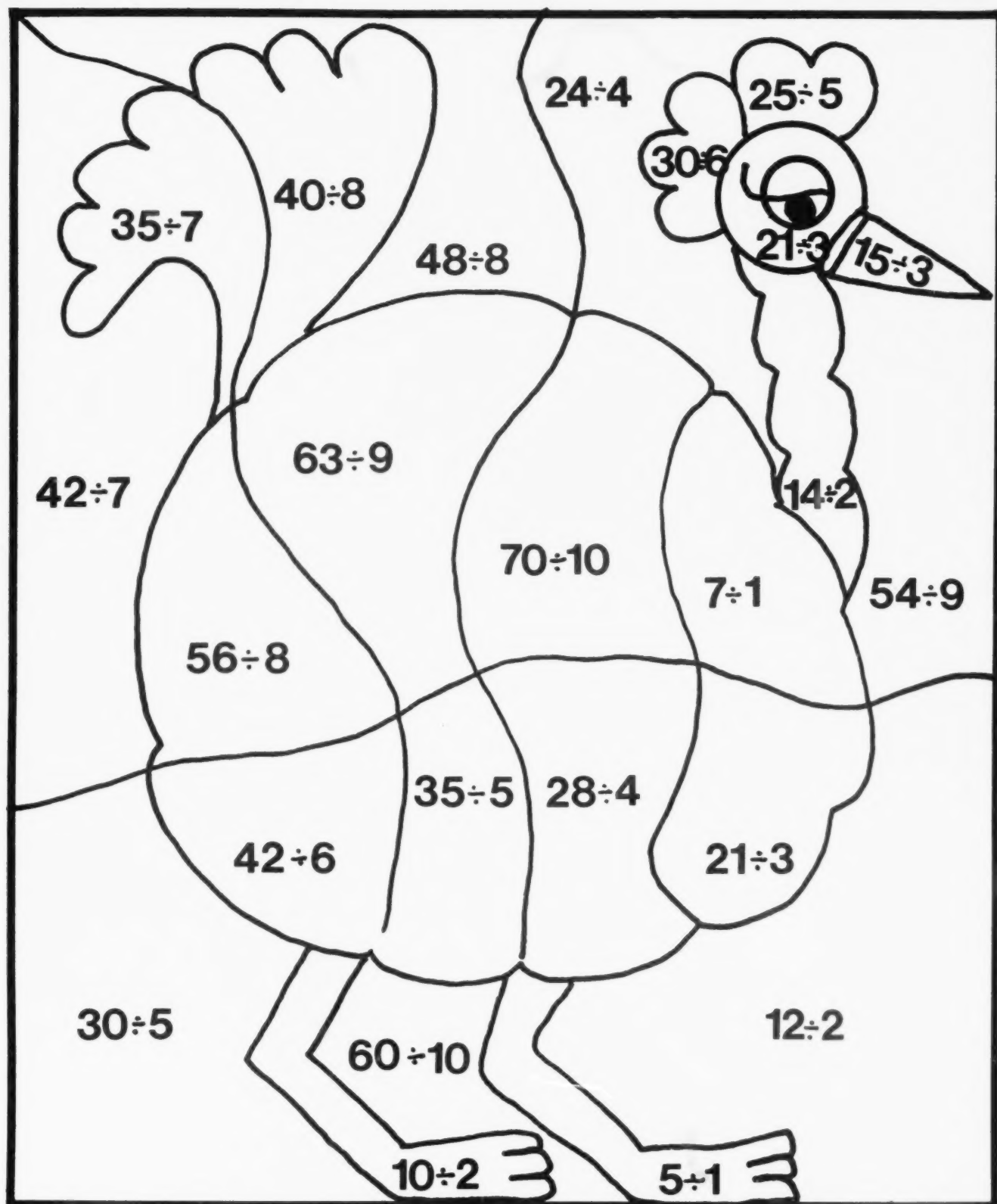


BULL'S EYE DIVISION



DIRECTIONS: Divide the numbers in the center by each number in the inner ring. Write your answers in the outside ring.





Color the problems with a quotient of five (5) RED.

Color the problems with a quotient of six (6) BLUE.

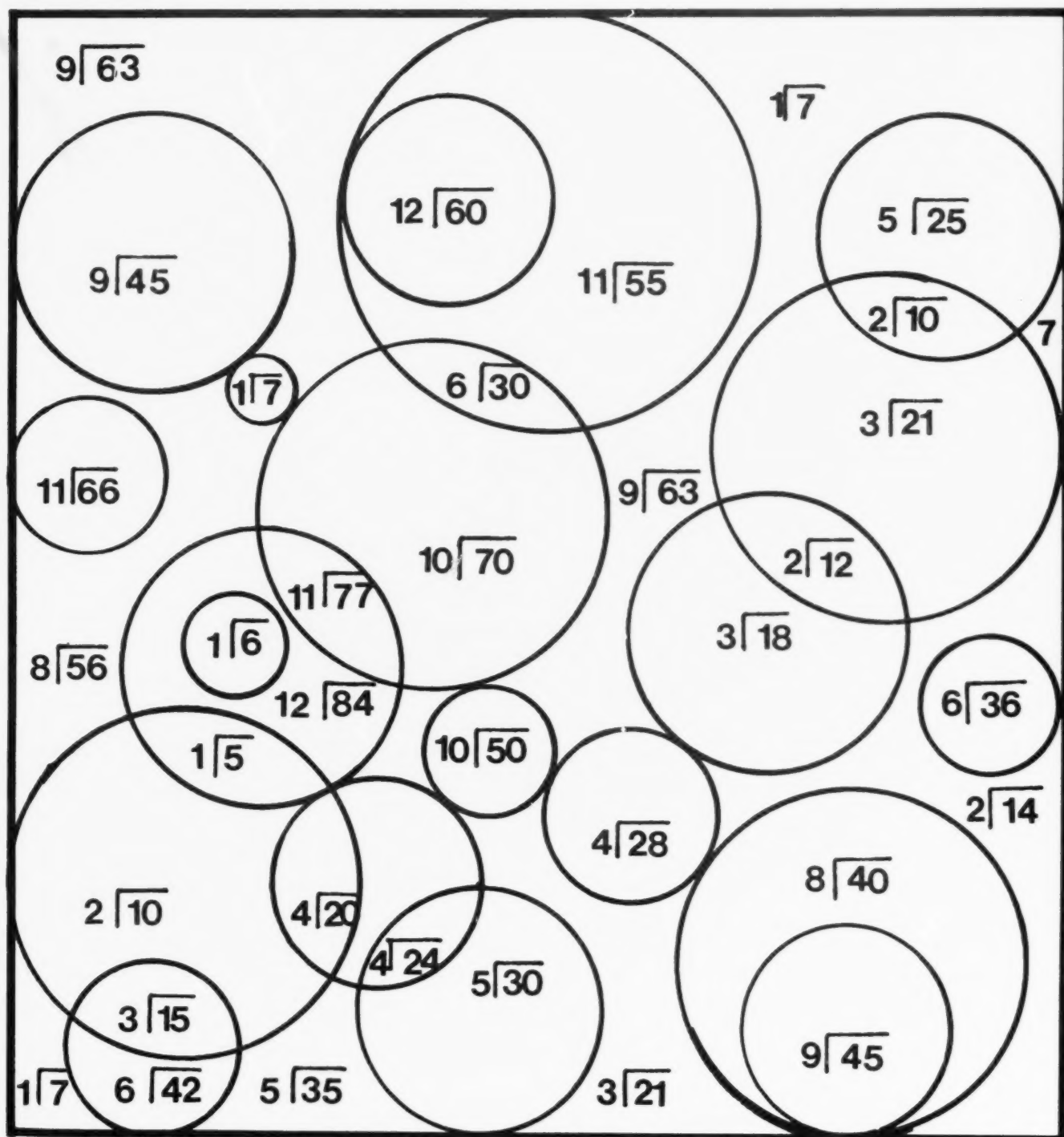
Color the problems with a quotient of seven (7) YELLOW.

HIDDEN CIRCLES

Color the areas with a quotient of five (5) ORANGE.

Color the areas with a quotient of six (6) YELLOW.

Color the areas with a quotient of seven (7) BROWN.



MISSING SIGNS

$35 \quad \square \quad 5 = 7$

$7 \quad \square \quad 6 = 13$

$40 \quad \square \quad 8 = 5$

$8 \quad \square \quad 7 = 56$

$5 \quad \square \quad 9 = 45$

$5 \quad \square \quad 1 = 5$

$49 \quad \square \quad 7 = 7$

$5 \quad \square \quad 1 = 6$

$30 \quad \square \quad 5 = 6$

$6 \quad \square \quad 5 = 11$

$30 \quad \square \quad 10 = 3$

$9 \quad \square \quad 7 = 16$

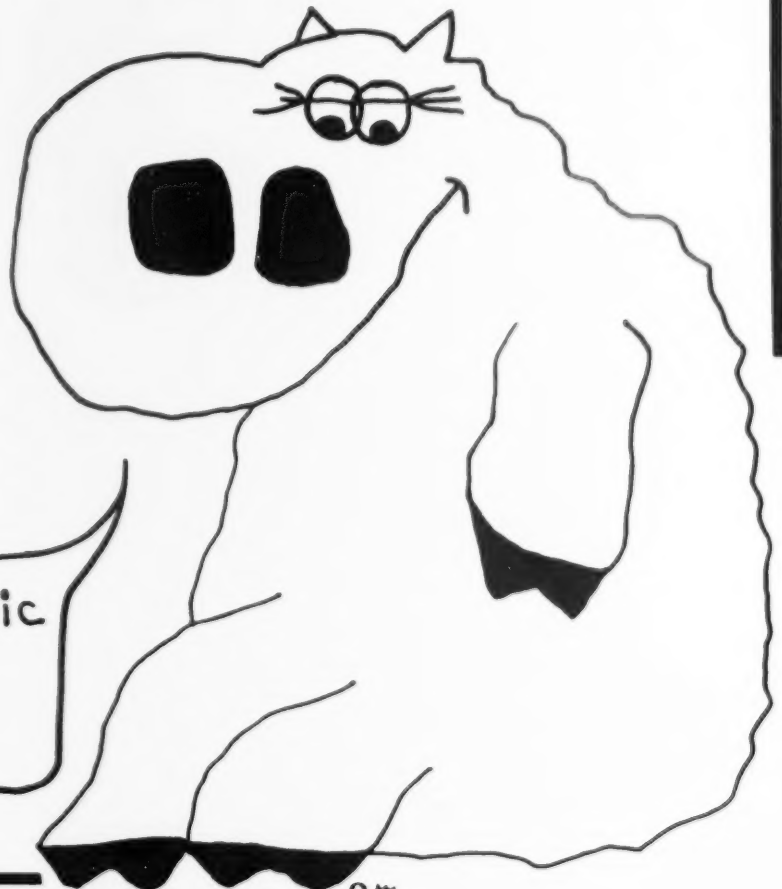
$7 \quad \square \quad 9 = 63$

$56 \quad \square \quad 7 = 8$

$36 \quad \square \quad 6 = 6$

$7 \quad \square \quad 7 = 14$

Use an arithmetic sign to make each problem correct.



DIVISION DESIGN

Write the quotient for each problem you find below. Color the areas with an even quotient RED. Color the areas with an odd quotient GREEN.

$10 \div 5 =$	$5 \div 5 =$	$15 \div 5 =$	$50 \div 5$
$30 \div 5 =$	$35 \div 5 =$	$40 \div 5 =$	$6 \div 6 =$
$49 \div 7 =$	$36 \div 6 =$	$63 \div 7 =$	$60 \div 6 =$
$48 \div 6 =$	$54 \div 6 =$	$56 \div 7 =$	$30 \div 6 =$

SECRET CODE DIVISION

$$a=2 \quad b=3 \quad c=4 \quad d=5 \quad f=6 \quad g=7$$

$$h=14 \quad i=15 \quad j=25 \quad k=30 \quad l=35 \quad m=42$$

Use the secret code shown above to solve the division problems below.

Write a secret code problem for each quotient listed below. Use the code at the top of the page as a guide.

$$c \div a =$$

$$f \div a =$$

$$f \div b =$$

$$h \div a =$$

$$h \div g =$$

$$i \div b =$$

$$i \div d =$$

$$\square \div \square = 5$$

$$\square \div \square = 5$$

$$\square \div \square = 5$$

$$\square \div \square = 6$$

$$\square \div \square = 6$$

$$\square \div \square = 7$$

$$\square \div \square = 7$$

MAGIC SQUARES

16	8	
		2
4		

36		6
4		2

21		
7	7	
		3

40	4	
		5
4		

81	9	
	3	
9		

54	9	
6		
		3

MAGIC SQUARES

100		10
	2	
25		

16	8	
	4	
4		

144		12
	3	
12		

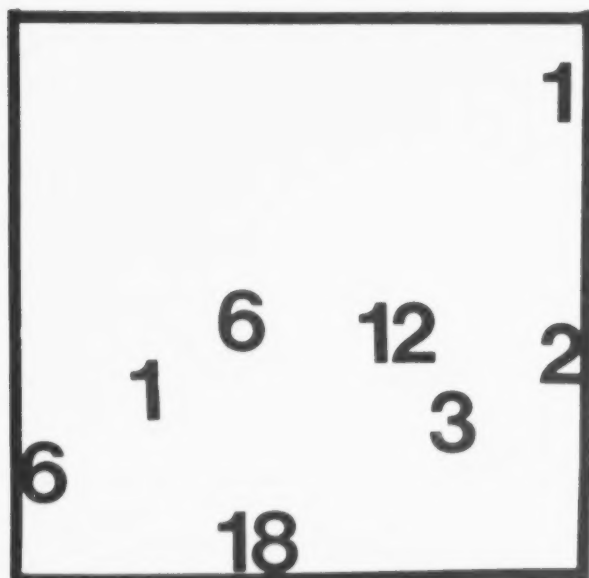
20		2
5		
	2	

120		10
		5
	6	

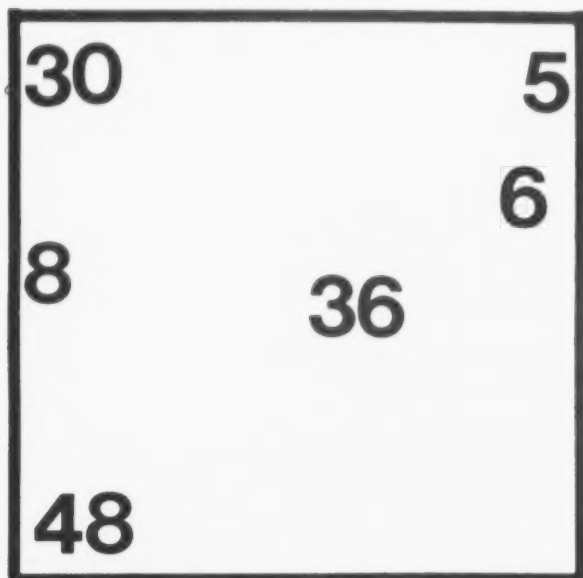
32		8
8	2	

LINE PUZZLES

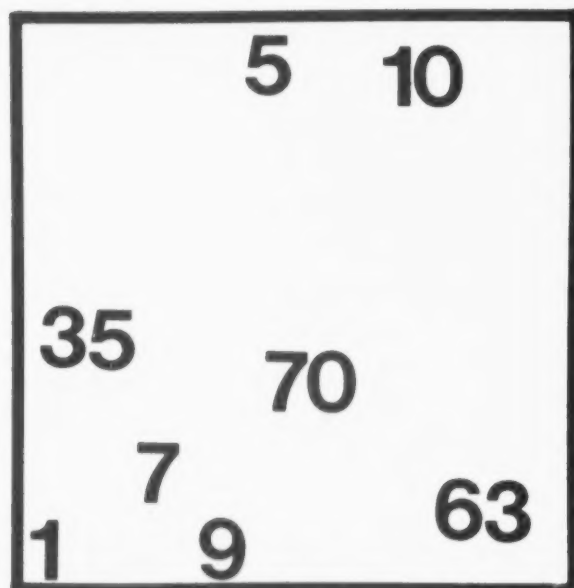
Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of six (6).



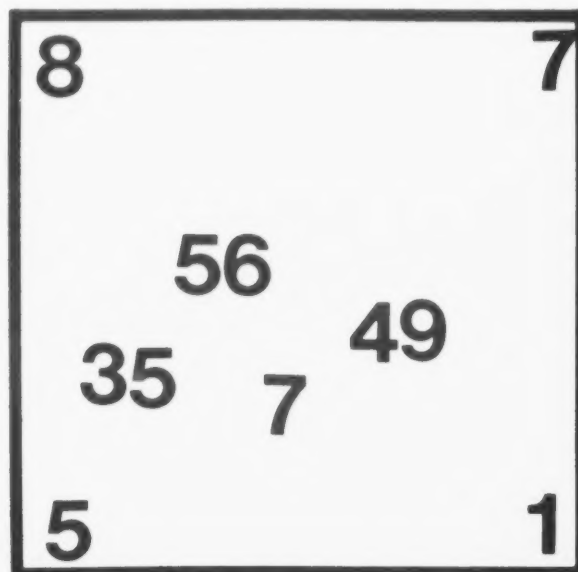
Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of six (6).



Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of seven (7).



Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of seven (7).

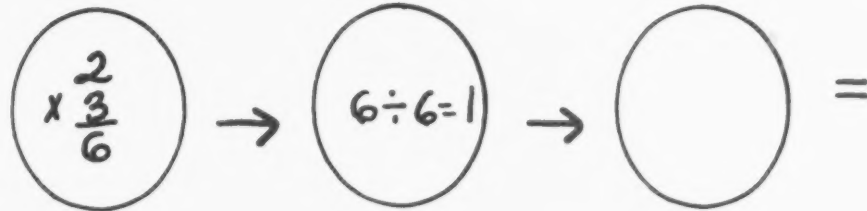


DIVISION MACHINE

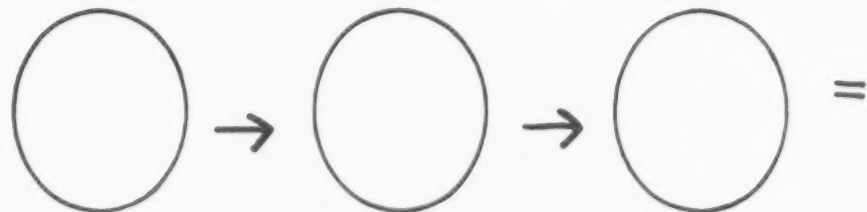
DIRECTIONS: Put each number on the left into the division machine and write the problem and answer in each oval.



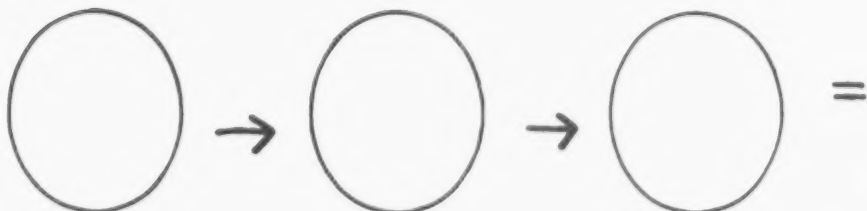
2



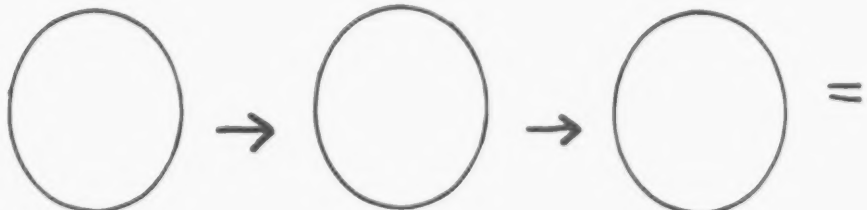
4



6



8

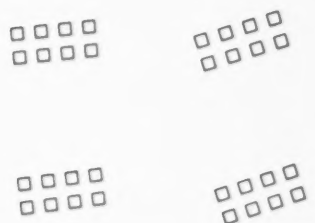
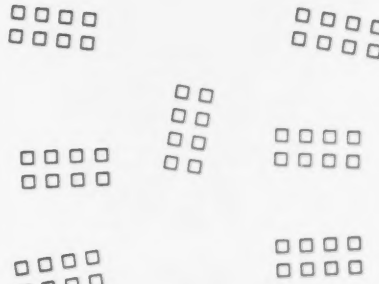
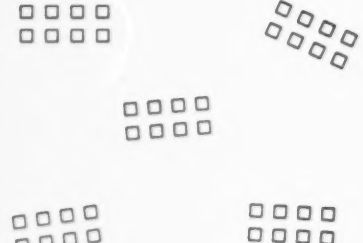
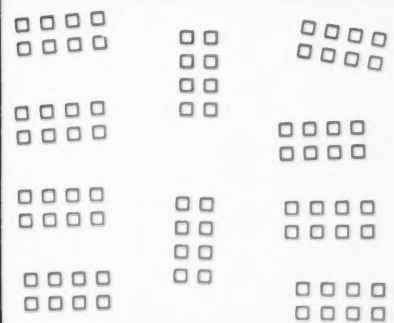
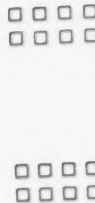
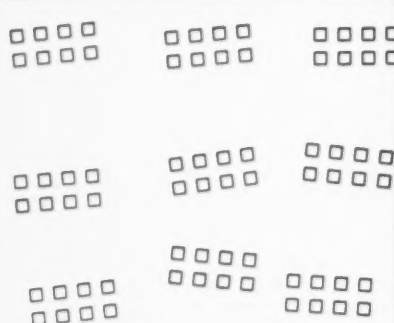
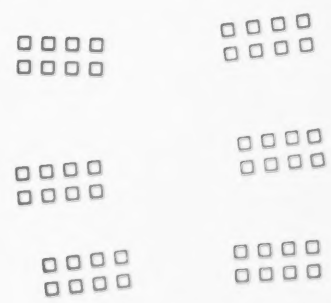
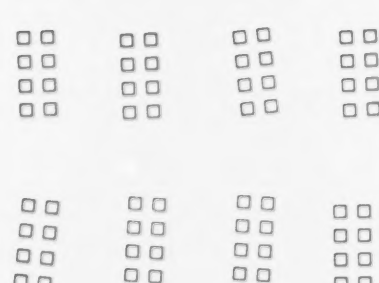
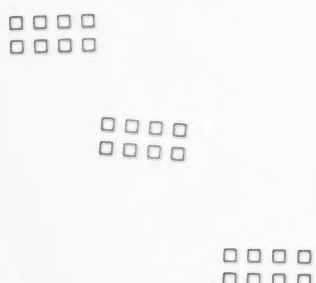


10



EIGHTS

Circle each set of 8 squares. How many sets of 8 do you have in each box? Write that number in the box. What does the quotient 8 represent?

 $32 \div \square = 8$	 $56 \div \square = 8$	 $40 \div \square = 8$
 $80 \div \square = 8$	 $16 \div \square = 8$	 $72 \div \square = 8$
 $48 \div \square = 8$	 $64 \div \square = 8$	 $24 \div \square = 8$

ELEGANT EIGHTS

Circle the
number pairs
that have a
quotient of 8.

8 1 $40 \div 5$ 56 7

16 64 24 48 8 1

2 8 3 6 16 80 10

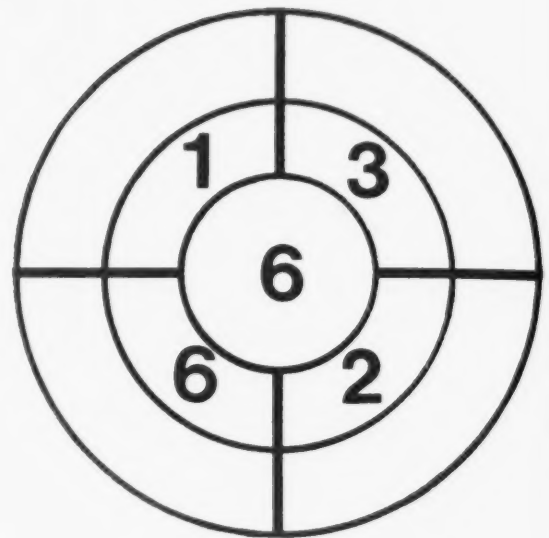
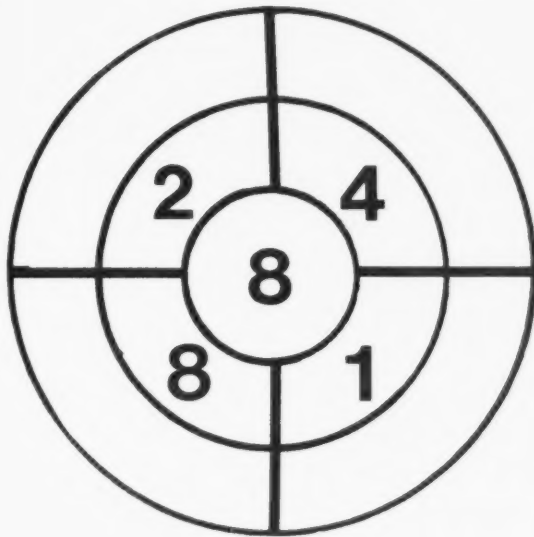
72 56 32 4 2 48 6

9 7 88 96 12 88 11

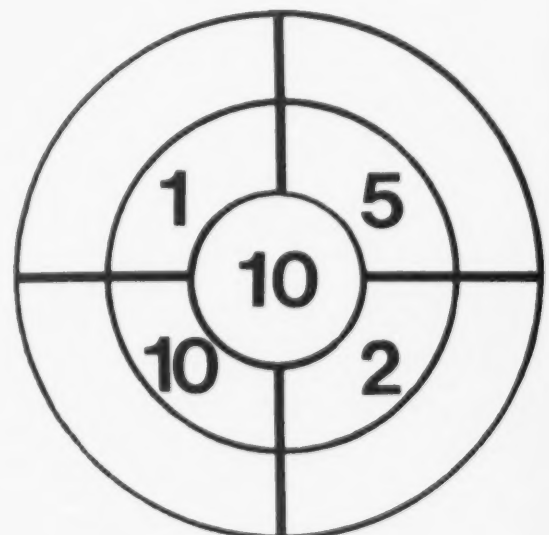
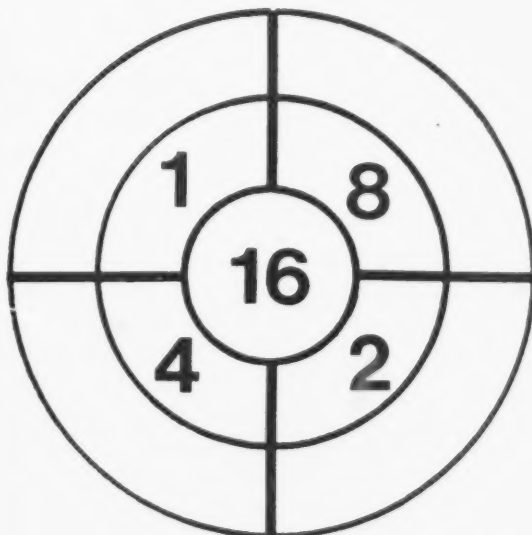
80 10 11 32 4 8 1

7 1 70 10 77 11

BULL'S EYE DIVISION



DIRECTIONS: Divide the number in the center of each bull's eye by each of the numbers in the inner ring. Write your answers in the outside ring.

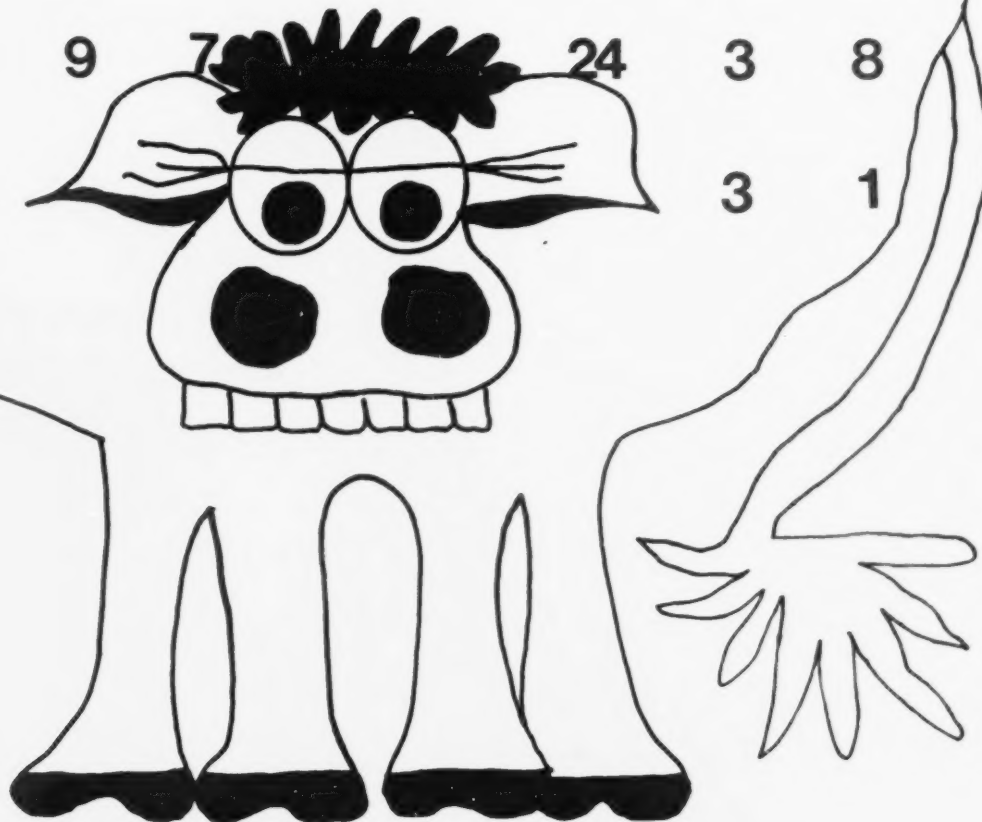


DIVISION PROBLEM SEARCH

DIRECTIONS:

Circle the division problems followed by their quotients.

7	1	7	49	7	7	70	10	7
14	2	7	7	56	72	9	8	48
7	21	3	7	$8 \div 8 = 1$		8	6	
35	5	7	1	7	8	40	5	8
28	42	6	7	9	8	32	4	8
4	63	9	7		24	3	8	
7	5					3	1	



MAGIC SQUARES

20		10
	1	
		5

36	9	
	3	
		2

18	9	
	3	
		2

16		4
8		4

8		4
8		4

48	6	
4		
		4

NINES

DIRECTIONS: Use dots to show each problem below. The first number tells the total number of dots. The second number tells how many equal sets. The third number tells how many in each set. The first one has been done for you.



$$18 \div 2 = 9$$



$$81 \div 9 = 9$$

$$36 \div 4 = 9$$

$$63 \div 7 = 9$$

$$27 \div 3 = 9$$

$$72 \div 8 = 9$$

$$45 \div 5 = 9$$

$$90 \div 10 = 9$$

$$54 \div 6 = 9$$

NIFTY NINES



DIRECTIONS:
Circle the number
pairs that have
a quotient of
nine (9).

9 1 36 4 27 54 6 90

0 18 **63 ÷ 7** 3 81 9 10

72 2 7 90 10 99 11 54

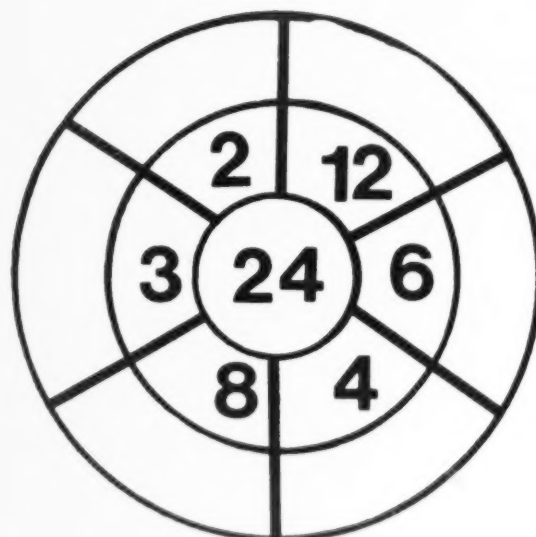
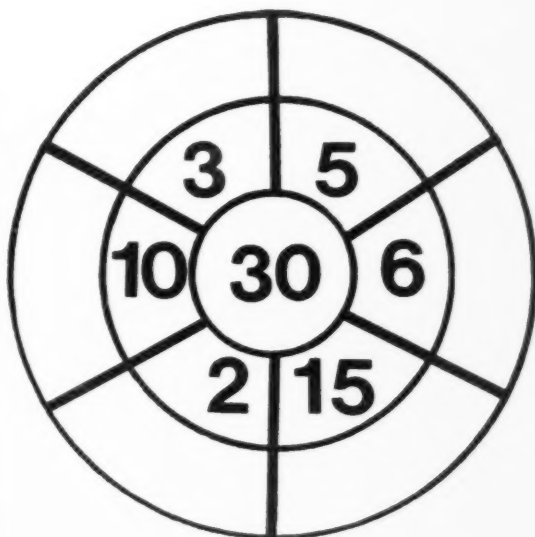
8 99 27 45 5 18 9 6

9 11 5 9 1 2 1 9

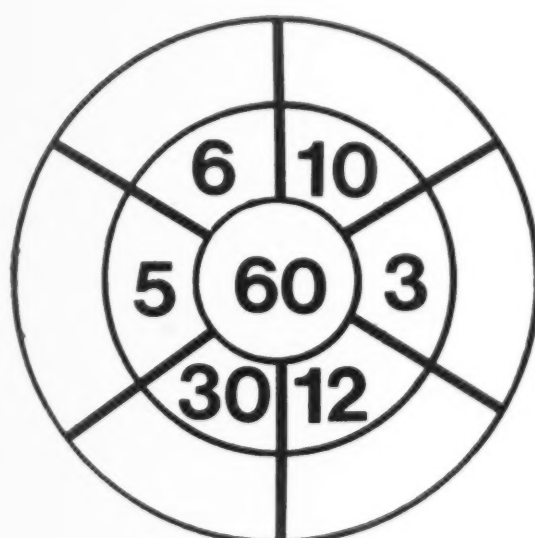
81 9 63 7 72 8



BULL'S EYE DIVISION



DIRECTIONS: Divide the number in the center by each number in the inner ring. Write your answer (the quotient) in the outside ring.



MAGIC SQUARES

30		3
6		3

16	4	
	2	
		1

10		
	2	
5		1

28	4	
		7
4		

9	3	
9		3

20		10
	1	
4		

TENS

DIRECTIONS: Use dots to show each problem below. The first number tells the total number of dots. The second number tells how many equal sets of dots there are. The third number tells how many dots are in each set.

$70 \div 7 = 10$	$20 \div 2 = 10$	$100 \div 10 = 10$
$50 \div 5 = 10$	$80 \div 8 = 10$	$40 \div 4 = 10$
$30 \div 3 = 10$	$90 \div 9 = 10$	$60 \div 6 = 10$

TANTALIZING TENS



DIRECTIONS: Circle the number pairs that have a quotient of ten (10).

10 1 0 100 ÷ 10 0 90

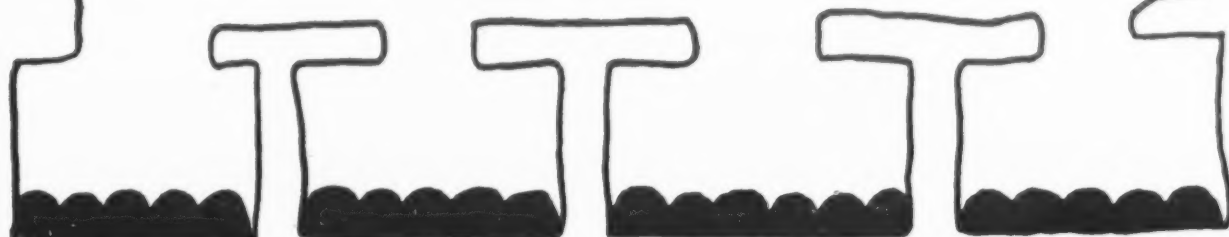
110 11 0 7 8 80 9

70 7 20 2 1 40 0

120 12 9 30 3 4 50

60 6 8 7 80 8 5

70 7 90 9 50 0 9



MISSING SIGNS

DIRECTIONS: The sign is missing in each of the problems below. Write the correct operational sign in the box for each problem. Think carefully and you will be able to get all the signs correct.

$8 \square 9 = 72$

$7 \square 10 = 70$

$81 \square 9 = 9$

$80 \square 10 = 8$

$64 \square 8 = 8$

$8 \square 8 = 16$

$10 \square 10 = 0$

$40 \square 5 = 8$

$10 \square 10 = 100$

$50 \square 5 = 10$

$56 \square 7 = 8$

$27 \square 9 = 3$

$9 \square 1 = 9$

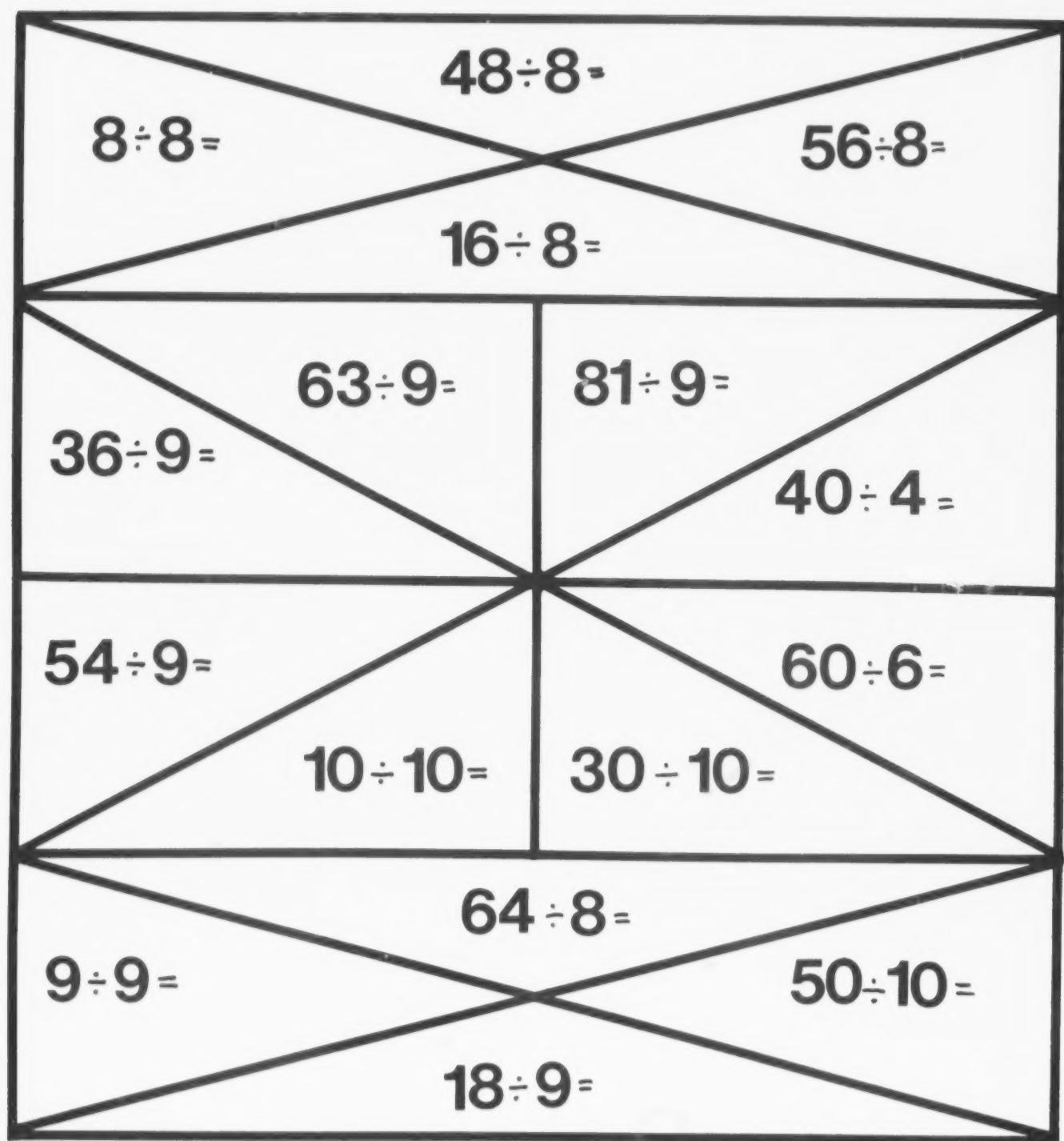
$36 \square 4 = 9$

$9 \square 9 = 18$

$45 \square 9 = 6$

DIVISION DESIGN

DIRECTIONS: Write the quotient for each problem shown below. Color the areas with an even quotient PINK. Color the areas with an odd quotient ORANGE.



SECRET CODE DIVISION

r=1 s=2 t=3 u=4 v=5 w=6

x=7 y=8 z=9

Use the secret code above to
solve each of the problems you
find below.

$$\mathbf{ts \div y =}$$

$$\mathbf{rw \div y =}$$

$$\mathbf{us \div x =}$$

$$\mathbf{us \div w =}$$

$$\mathbf{xs \div z =}$$

$$\mathbf{wt \div z =}$$

$$\mathbf{wu \div y =}$$

$$\mathbf{yr \div z =}$$

$$\mathbf{tw \div z =}$$

$$\mathbf{ry \div z =}$$

Write a secret code problem
for each quotient below.

$$\square \div \square = 2$$

$$\square \div \square = 3$$

$$\square \div \square = 4$$

$$\square \div \square = 5$$

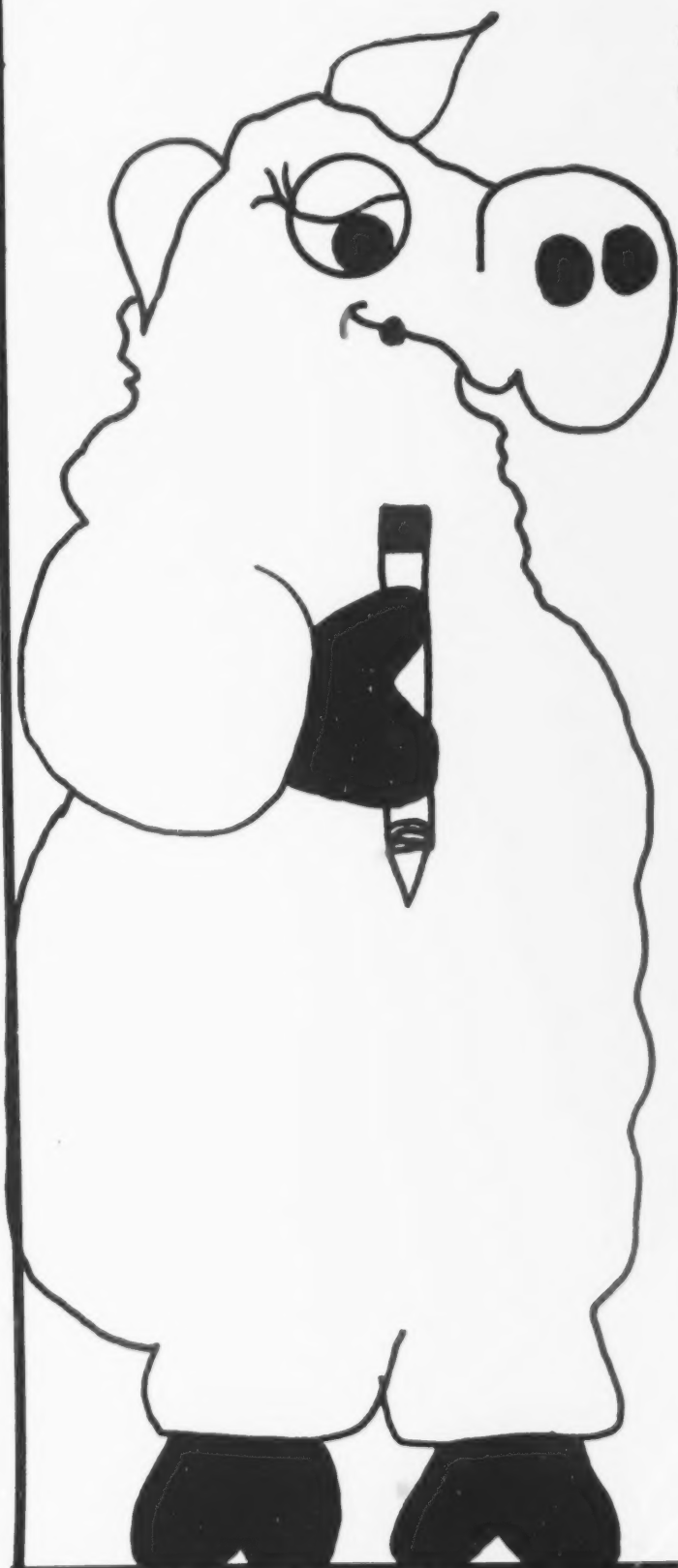
$$\square \div \square = 6$$

$$\square \div \square = 7$$

Make up some new problems and
write them in code.

MATCHING

DIRECTIONS: Match the problems with the same quotient by connecting them with a line.



$5\overline{)35}$

$9\overline{)45}$

$6\overline{)36}$

$3\overline{)21}$

$8\overline{)40}$

$9\overline{)54}$

$4\overline{)16}$

$5\overline{)20}$

$5\overline{)15}$

$2\overline{)4}$

$8\overline{)16}$

$2\overline{)6}$

$9\overline{)9}$

$1\overline{)8}$

$8\overline{)64}$

$7\overline{)7}$

$10\overline{)90}$

$2\overline{)20}$

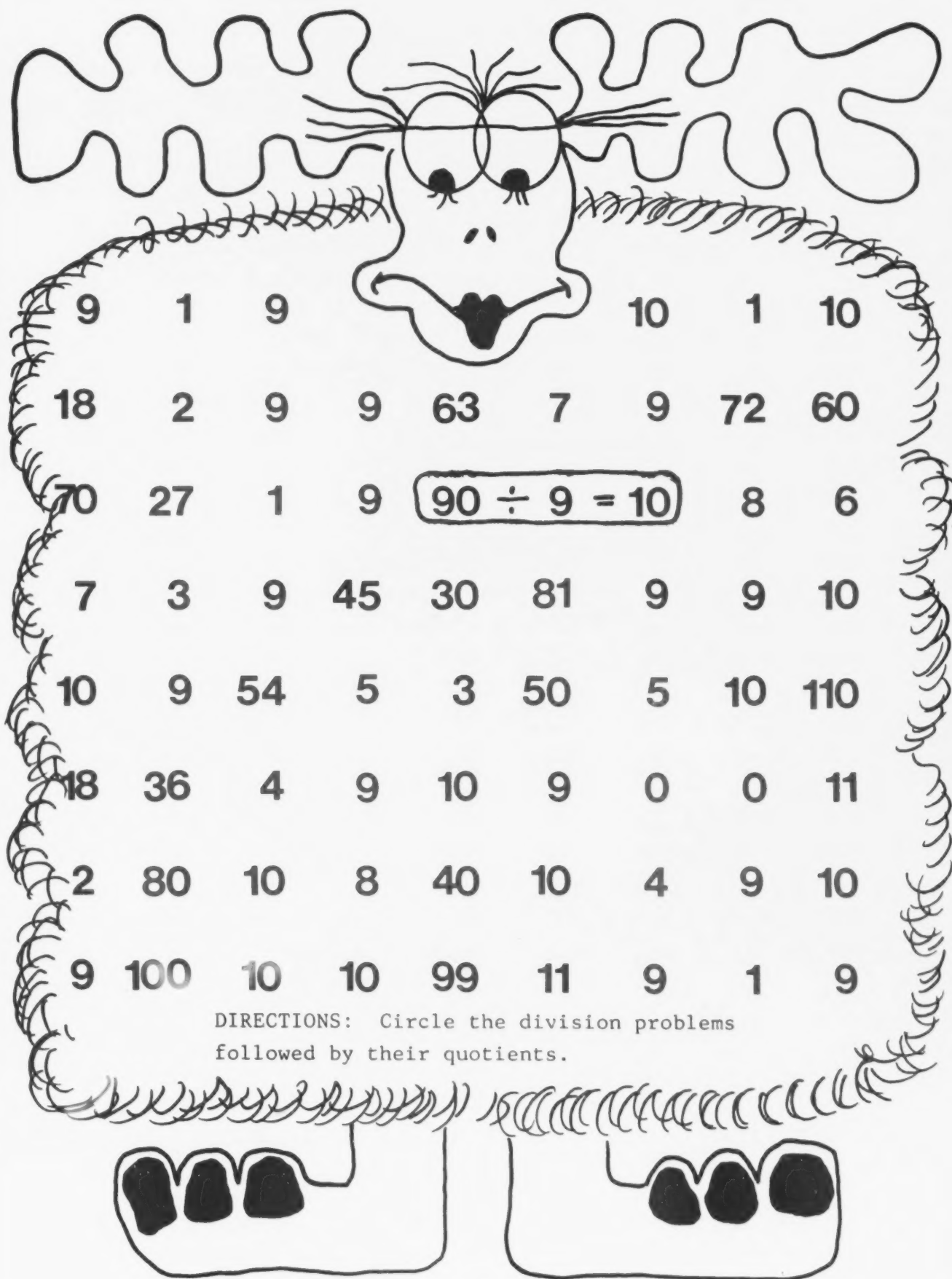
$12\overline{)120}$

$6\overline{)54}$

MATCHING

DIRECTIONS: Match the problems with the same quotients by connecting them with a line. A sample has been done for you.

$6\overline{)12}$	$4\overline{)24}$	$12\overline{)120}$	$8\overline{)72}$
$3\overline{)3}$	$9\overline{)72}$	$7\overline{)63}$	$3\overline{)30}$
$8\overline{)64}$	$3\overline{)6}$	$1\overline{)8}$	$9\overline{)63}$
$1\overline{)6}$	$4\overline{)4}$	$8\overline{)56}$	$3\overline{)24}$
$3\overline{)9}$	$1\overline{)4}$	$1\overline{)5}$	$5\overline{)30}$
$8\overline{)32}$	$10\overline{)30}$	$1\overline{)6}$	$9\overline{)45}$
$7\overline{)70}$	$1\overline{)9}$	$12\overline{)120}$	$2\overline{)20}$
$2\overline{)18}$	$12\overline{)96}$	$9\overline{)81}$	$2\overline{)18}$
$8\overline{)64}$	$1\overline{)10}$	$8\overline{)64}$	$3\overline{)21}$
$10\overline{)70}$	$6\overline{)42}$	$7\overline{)49}$	$2\overline{)16}$
$4\overline{)20}$	$7\overline{)42}$	$6\overline{)36}$	$1\overline{)5}$
$1\overline{)6}$	$12\overline{)60}$	$5\overline{)25}$	$9\overline{)54}$



DIRECTIONS: Circle the division problems followed by their quotients.

MAGIC SQUARES

18	9	
6		
		1

120		
	2	5
12		

10	5	
		2
1		

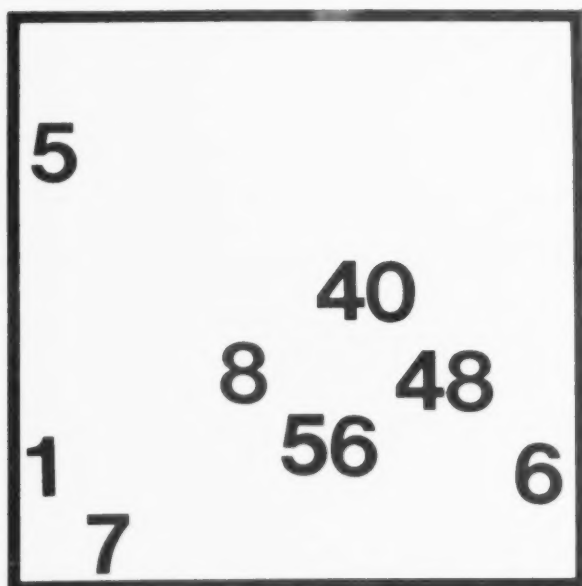
15	5	
3		
		1

99	11	
		3
3		

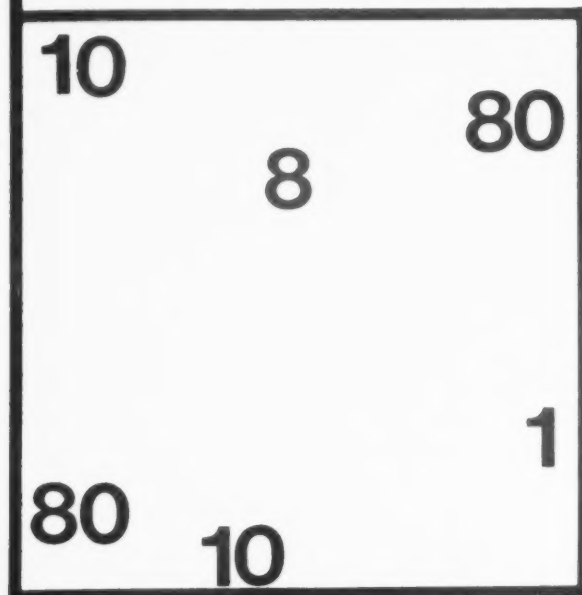
72		8
	9	
8		

LINE PUZZLES

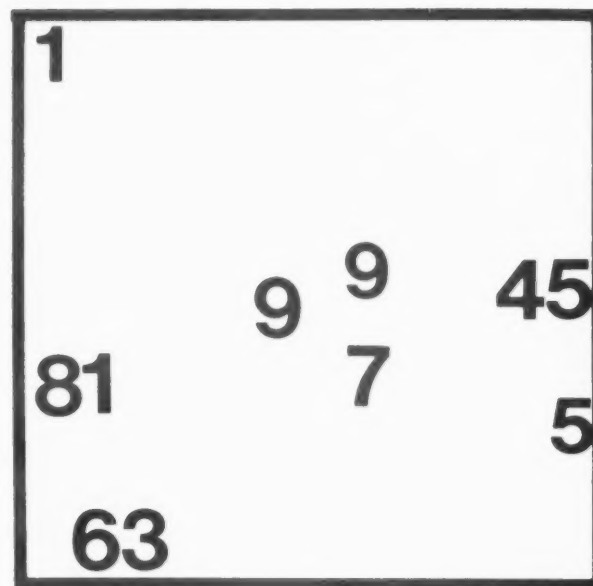
Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of eight (8).



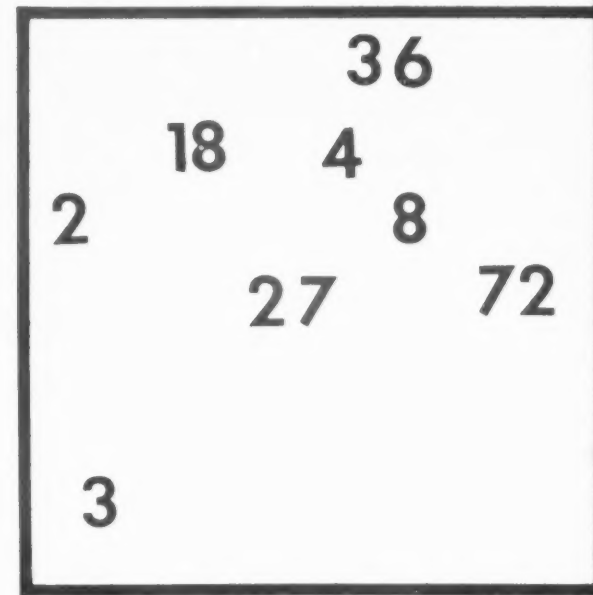
Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of eight (8).



Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of nine (9).

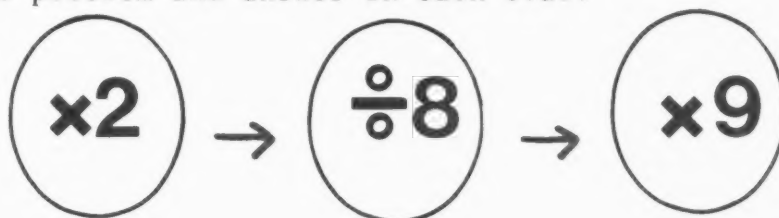


Draw 2 straight lines to divide the square so that each area has 2 numbers with a quotient of nine (9).

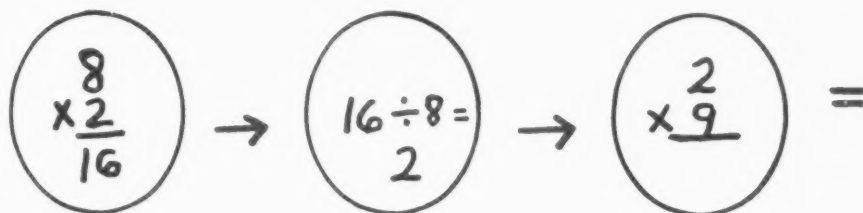


DIVISION MACHINE

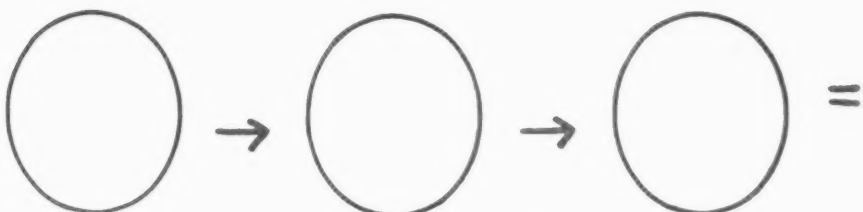
DIRECTIONS: Put each number on the left into the division machine and write the problem and answer in each oval.



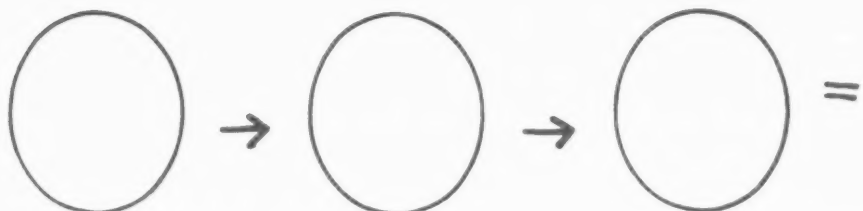
8



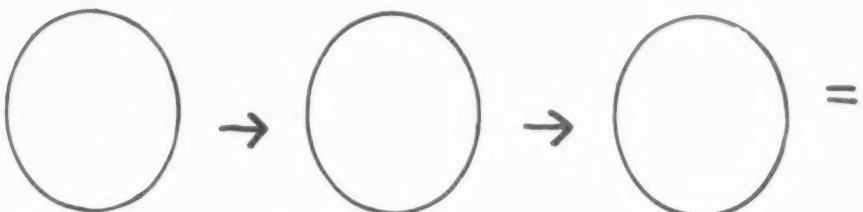
12



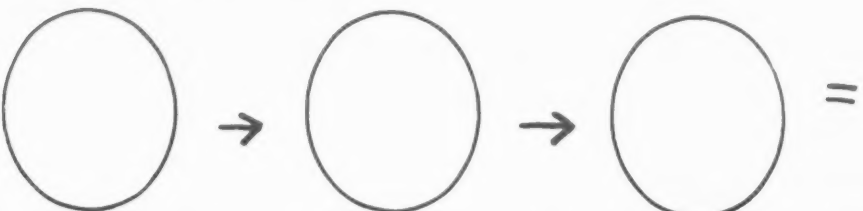
16



20



4



DIVISION TEST

Name _____

Number Correct _____

Time Needed _____

$14 \div 2 = \square$

$90 \div 9 = \square$

$48 \div 4 = \square$

$5 \div 5 = \square$

$64 \div 8 = \square$

$50 \div 10 = \square$

$4 \div 2 = \square$

$18 \div 2 = \square$

$6 \div 2 = \square$

$9 \div 3 = \square$

$5 \div 1 = \square$

$3 \div 1 = \square$

$28 \div 4 = \square$

$9 \div 1 = \square$

$22 \div 2 = \square$

$100 \div 10 = \square$

$12 \div 3 = \square$

$72 \div 8 = \square$

$88 \div 11 = \square$

$8 \div 1 = \square$

$70 \div 10 = \square$

DIVISION TEST

Name _____

Number Correct _____

Time Needed _____

$10 \div 2 = \square$

$28 \div 7 = \square$

$49 \div 7 = \square$

$16 \div 8 = \square$

$24 \div 4 = \square$

$56 \div 8 = \square$

$20 \div 2 = \square$

$35 \div 5 = \square$

$27 \div 3 = \square$

$12 \div 4 = \square$

$40 \div 8 = \square$

$54 \div 6 = \square$

$21 \div 3 = \square$

$18 \div 3 = \square$

$81 \div 9 = \square$

$36 \div 4 = \square$

$42 \div 6 = \square$

$99 \div 9 = \square$

$32 \div 8 = \square$

$48 \div 8 = \square$

$60 \div 6 = \square$

DIVISION TEST

Name _____

Number Correct _____

Time Needed _____

$55 \div 11 = \square$

$16 \div 4 = \square$

$15 \div 3 = \square$

$66 \div 6 = \square$

$33 \div 11 = \square$

$6 \div 3 = \square$

$35 \div 7 = \square$

$18 \div 6 = \square$

$8 \div 4 = \square$

$30 \div 6 = \square$

$77 \div 11 = \square$

$30 \div 5 = \square$

$63 \div 7 = \square$

$72 \div 6 = \square$

$24 \div 6 = \square$

$36 \div 6 = \square$

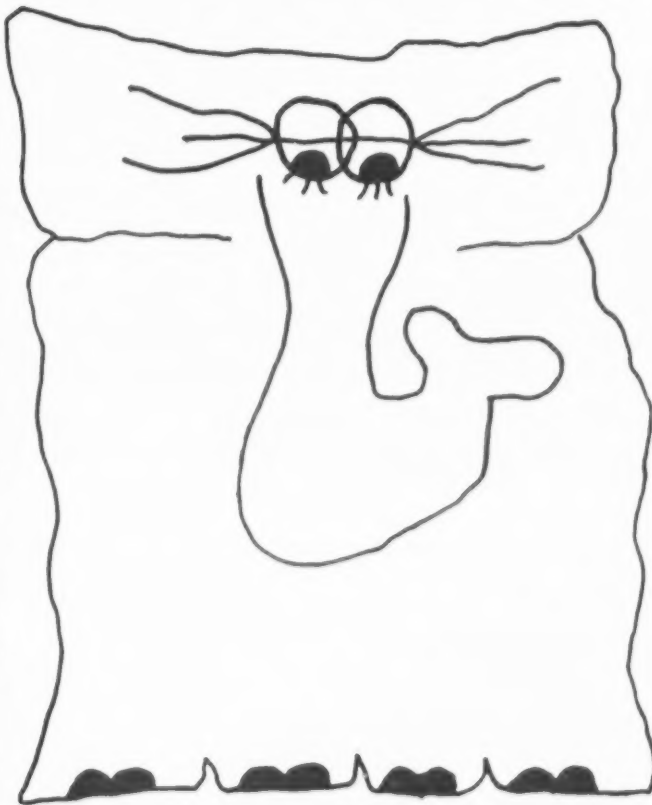
$30 \div 3 = \square$

$12 \div 6 = \square$

$20 \div 4 = \square$

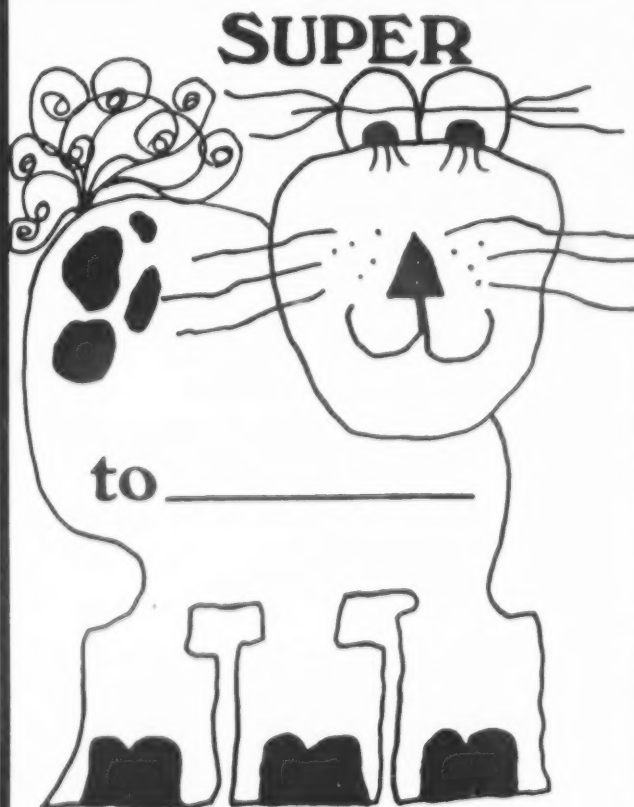
$80 \div 8 = \square$

$32 \div 4 = \square$



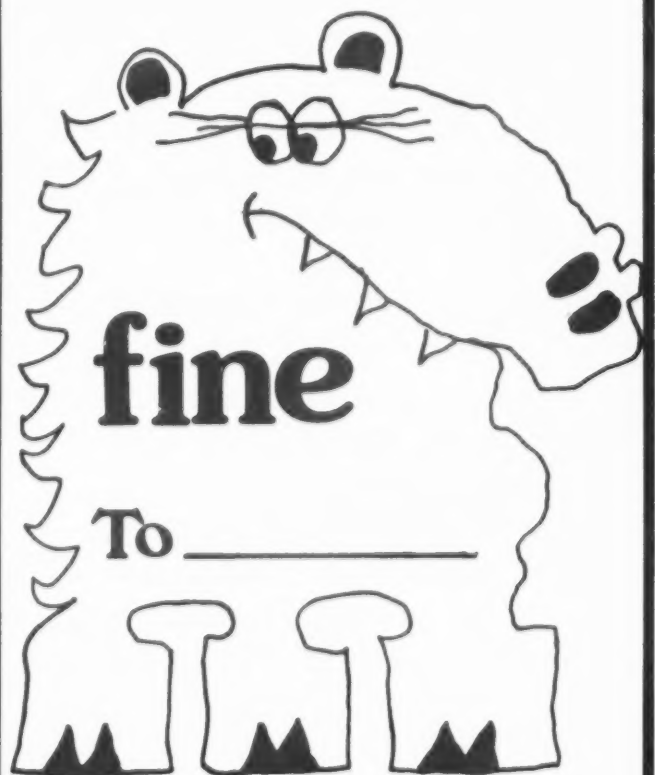
math award!

To _____
because you
passed the
TIMED TEST
in less than
5 minutes!!



SUPER

to _____



fine

To _____

THE GROWING FAMILY OF GOOD APPLE PRODUCTS AND SERVICES INCLUDES:

5 Periodicals to Meet the Needs of Educators

THE GOOD APPLE NEWSPAPER For grades 2-8. A wealth of ideas coming your way five times each year.

LOLLIPOPS, LADYBUGS AND LUCKY STARS For preschool-grade 2. Patterns, projects and hundreds of ideas each year.

CHALLENGE Reaching and teaching the gifted child K-8. Our way of putting the world of gifted education at your fingertips.

OASIS Specifically for teachers of students in grades 5-9. Sixty-four pages of ideas and reproducible work sheets plus a pull-out poster in full color.

SHINING STAR An exciting Christian education publication for K-8. Four times a year you get 96 pages of practical teaching techniques and suggestions.

Over 350 Idea and Activity Books

In all subject areas for all grade levels, preschool-12. Idea books, activity books, bulletin board books, units of instruction, reading, creativity, readiness, gameboards, science, math, social studies, self-concept, gifted, seasonal ideas, arts/crafts, poetry, language arts, and teacher helpers.

GOOD APPLE HAS JUST THE VERY BOOK YOU HAVE BEEN LOOKING FOR!

and

Records/Cassettes • Activity Posters • Note Pads • Software

and there is still more!

Workshops

Good Apple can provide your school with just the workshop to meet your needs. We have a variety of specialists who will design the workshop you want to have at your school.

If a school supply store is not available in your area, please write for a FREE catalog to Good Apple, Inc., Box 299, Carthage, IL 62321-0299

GA190

Good Apple, Inc.
P.O. Box 299
CARTHAGE, IL 62321